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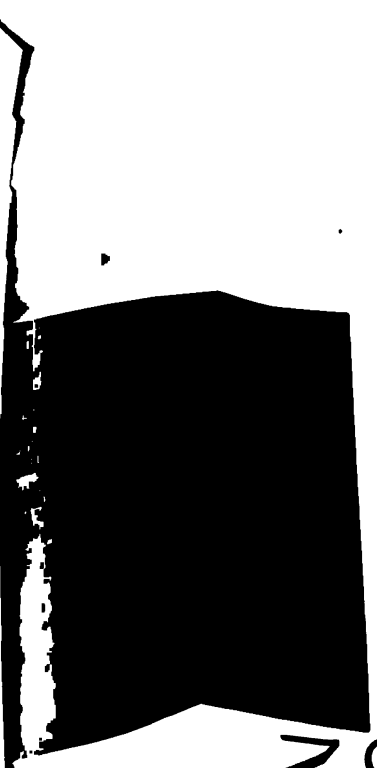
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To find the papers dealing with a particular subject the reader may consult either the Schedule or the Index to the Schedule. The numbers given in the index are Registration numbers, and can be used at once for turning to the proper page of the Subject Index. This is done by looking at the numbers at the outer top corners of the pages.

In the Author Catalogue the numbers placed within square brackets at the end of each entry are Registration numbers, and serve to indicate the scope of each paper indexed. The meaning of these numbers will at once be found by reference to the Schedule.

In case the abbreviated titles of Journals are not understood, a key to these is provided at the end of Part III.

The literature indexed is mainly that of 1905, but includes those portions of the literature of 1901–1904 in regard to which the index slips were received by the Central Bureau too late for inclusion in the previous volumes.

Topographical Symbols.

Many of the sections are sub-divided into a number of sub-sections by means of topographical symbols. These symbols are letters printed in italics. They are explained in the Topographical Classification placed at the end of Part III. The topographical symbols are not intended to be used instead of registration numbers.

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TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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f AFRICA AND MADAGASCAR.

fb NORTH EAST AFRICA.

Phillips, L. 146. Note on the occurrence of the Leishman-Donovan parasite in Arabia and Egypt.

g NORTH AMERICA.

gg NORTH EASTERN UNITED STATES.

Mutchler, Fred. 130. Myxomycetes of Lake Winona.

Sumstine, D. R. 193. The slime-moulds of Pennsylvania.

gh SOUTH EASTERN UNITED STATES.

Bagg, R[ufus] M[ather], *jun.* 8. Foraminifera.

Martin, G. C. 117. Radiolaria.

h S. AMERICA AND W. INDIES.

hd TRINIDAD.

Guppy, R. J. 58. On some samples of rock from borings at Sangregrande, Trinidad.

——— 59. Observations on some of the Foraminifera of the oceanic rocks of Trinidad.

i AUSTRALASIA.

ik NEW ZEALAND.

Hutton, F. W. 69. Index faunae Novae Zealandiae.

l ATLANTIC.

Immermann, Ferdinand. 70. Die Tripyleen-Familie der Aulacanthiden.

Popofsky, A. 148. Die Acantharia der Plankton-Expedition. Tl I: *Acanthometra.* (Ergebnisse der Plankton-Expedition der Humboldt-Stitung. Bd III. L. f. *a.*)

0431 TAXONOMY AND SYSTEMATIC.

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RHIZOPODA.

GENERAL

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RADIOLARIA.

GENERAL.

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Immermann, F. Die Tripyleen-Familie der Aulacanthiden. (Ergebnisse der Plankton-Expedition der Humboldt-Stiftung. Bd III. L. h.) Kiel u. Leipzig (Lipsius & Tischer), 1904, (92, mit 8 Taf.).

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SPECIAL.

Acanthapophysia n. subgen. (of *Acanthometron*). **Popofsky**, A. Ergebn. Humboldt-Stiftung, Kiel, **3**, Tl. 1, 1904, (64).

Acanthochiasma nn. spp. **Popofsky**, A. *l.c.* (52–54, pl. IV, V).

Acanthochiasmarium n. subgen. (of *Acanthochiasma*). **Popofsky**, A. *l.c.* (51).

Acanthochiasmidium n. subgen. (*Acanthochiasma*). **Popofsky**, A. *l.c.* (53).

Acanthochiasmonium n. subgen. (*Acanthochiasma*). **Popofsky**, A. *l.c.* (54).

Acantholonche n. subgen. (*Amphilonche*). **Popofsky**, A. *l.c.* (113).

Acanthometra. **Popofsky**, A. Die Acantharia der Plankton-Expedition. Tl I; Kiel u. Leipzig (Lipsius & Tischer), 1904, (158, mit 12 Taf.). *A. mülleri* Haeck., *A. elastica* Haeck., *A. brevispina* Haeck., faunistisch. **Entz**, G., *jun.* Állatt. Közlem., Budapest, **3**, 1904, (122).

Acanthometron n. subgen. **Popofsky**, A. Ergebn. Humboldt-Stiftung, Kiel, **3**, Tl. 1, 1904, (60); *A.* (as genus = *Acanthometra*) nn. spp. **Popofsky**, A. *l.c.* (60–66, pls. III–VI, VIII).

Acanthonia n. subgen. **Popofsky**, A. *l.c.* (84); *A.* (n. sensu) nn. spp. **Popofsky**, A. *l.c.* (86–89, pl. VII).

Acanthonidium n. gen., *A. acutum*, *A. astroide* nn. spp. **Popofsky**, A. *l.c.* (91–99, pls. I & VII).

Acanthoptera n. gen. for *A.* (*Lithoptera*) *mülleri*. **Popofsky**, A. *l.c.* (104, pl. VIII).

Acolonche n. subgen. (*Acanthonia*). **Popofsky**, A. *l.c.* (90).

Actinelius minimus n. sp. **Popofsky**, A. *l.c.* (49).

Actinomma sp., faunistisch. **Entz**, G., *jun.* Állatt. Közlem., Budapest, **3**, 1904, (122).

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Amphiloncha tetraptera Haeck., faunistisch. **Entz**, G., *jun.* Állatt. Közlem., Budapest, **3**, 1904, (122).

Amphilonche n. subgen. **Popofsky**, A. Ergebn. Humboldt-Stiftung, Kiel, **3**, Tl. 1, 1904, (106); *A.* nn. spp. **Popofsky**, A. *l.c.* (108–113, pls. VIII–X).

Amphilonchidium nn. spp. **Popofsky**, A. *l.c.* (114–115, pls. VIII–X).

Amphimetron n. subgen. (*Acanthometron*). **Popofsky**, F. *l.c.* (65).

Arachnocorys circumtexta Haeck., faunistisch. **Entz**, G., *jun.* Állatt. Közlem., Budapest, **3**, 1904, (122).

Aulastrum meridionale n. sp. **Borgert**, A. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (737).

Aulographis nn. spp. **Immermann**, F. Die Tripyleen-Familie der Aulacanthiden. Kiel u. Leipzig, 1904, (53–55).

Aulokleptes n. gen. **Immermann**, F. *l.c.* (92).

Aulophyton n. gen., *A. tetronyx* n. sp. **Immermann**, F. *l.c.* (57).

Aulospathis monodon n. sp. **Immermann**, F. *l.c.* (63); *A. pinus* n. sp. **Häcker**, V. Verh. D. zool. Ges., Leipzig, **14**, 1904 (127).

Cadium inauris n. sp. **Borgert**, A. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (747).

Cannartiscus marylandicus† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (457).

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Castanissa nn. spp. **Borgert**, A. *l.c.* (751–752).

Challengeron radians n. sp. **Borgert**, A. *l.c.* (743).

Cladococcus arborescens Müll., faunistisch. **Entz**, G., *jun.* Állatt. Közlem., Budapest, **3**, 1904, (122).

Coelechinus n. gen., *C. wapiticornis*, n. sp. **Häcker**, V. Verh. D. zool. Ges., Leipzig, **14**, 1904, (123).

Conchellium lenticula n. sp. **Borgert**, A. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (753).

Eucyrtidium calvertense †n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (450).

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Lithoptera n. subgen. **Popofsky**, F. Ergebn. Humboldt-Stiftung, Kiel, **3**, Tl. 1, 1904, (103); *L. fenestrata*, occurrence and diagnosis. **Popofsky**, F. *l.c.* (68).

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Quadrimetron n. subgen. (*Acanthometron*). **Popofsky**, F. Ergebn. Humboldt- Stiftung, Kiel, **3**, Tl. 1, 1904, (64).

Quadristaurus n. subgen. (*Acanthonia*). **Popofsky**, F. *l.c.* (90).

Rhabdococcus acufer Haeckel, faunistisch. **Entz**, G., *jun.* Állatt. Közlem., Budapest, **3**, 1904, (122).

Rhizosphaera trigonacantha Haeckel, faunistisch. **Entz**, G., *jun.* *l.c.* (122).

Rhopalodictyum† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (455).

Rosetta n. gen., *R. elegans*, *R. triangularis* nn. spp. **Popofsky**, F. Ergebn. Humboldt-Stiftung, Kiel, **3**, Tl. 1, 1904, (55–56, pl. V).

Sphaerozoum ovo di mare Haeck., faunistisch. **Entz**, G., *jun.* Állatt. Közlem., Budapest, **3**, 1904, (122).

Spongasteriscus marylandicus† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (453).

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Stellolonche n. subgen. (*Zygacantha*). **Popofsky**, F. *l.c.* (75).

Sticholonche zanclea Fol., faunistisch. **Entz**, G., *jun.* Állatt. Közlem., Budapest, **3**, 1904, (112).

Trizona n. gen., *T. brandti* n. sp. **Popofsky**, A. Ergebn. Humboldt-Stiftung, Kiel, **3**, Tl. 1, 1904, (56, pl. V).

Tuscaridium luciae n. sp. **Hücker**, V. Verh. D. zool. Ges., Leipzig, **14**, 1904, (140, 149).

Tuscarora nn. spp. **Hücker**, V. *l.c.* (141–143).

Tuscarusa nn. spp. **Hücker**, V. *l.c.* (142, 145–148).

Zygacantha n. subgen. **Popofsky**, A. Ergebn. Humboldt-Stiftung, Kiel, **3**, Tl. 1, 1904, (71); *Z.* nn. spp. **Popofsky**, A. *l.c.* (71–75, pls. V-VI, IX).

Zygacanthidium nn. spp. **Popofsky**, A. *l.c.* (76–77, 83, pl. VII).

Zygapophysia n. subgen. (*Zygacantha*). **Popofsky**, A. *l.c.* (73).

Zygolonche n. subgen. (*Amphilonche*). **Popofsky**, A. *l.c.* (112).

Zygolonchidium n. subgen. (*Amphilonchidium*). **Popofsky**, A. *l.c.* (114).

Zygoptera n. gen. for *Z.* (*Lithoptera*) *quadrata*. **Popofsky**, A. *l.c.* (104, pl. VIII, fig. 5).

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Worth, H. R. Foraminifera. *In*: Plymouth marine invertebrate fauna. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (174–185).

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Articulina lineata A. sagra, *A. sulcata*. **Sidebottom**, H. Manchester, Mem. Lit. Phil. Soc., **48**, Mem. 5, 1904, (16, 17, pls. IV, 5 text figs.).

Astrorhiza sp., unusually large specimen off Rathlin Isld. **Welch**, R. Irish Nat., Dublin, **13**, 1904, (27).

Biloculina elongata d'Orb., note on. **Sidebottom**, H. Manchester, Mem. Lit. Phil. Soc., **48**, Mem. 5, 1904, (3, pl. II, fig. 8).

Bulima elongata, in British seas, (Lough Larne). **Gough**, G. C. Irish Nat., Dublin, **13**, 1904, (37).

Carpenteria proteiformis Goës. **Millett**, F. W. London, J. R. Microsc. Soc., **1904**, (496, pl. X, figs. 1, 2).

Globigerina sp., faunistisch. **Entz**, G., *jun.* Állatt. Közlem., Budapest, **3**, 1904, (122).

Gromia oviformis Duj., faunistisch. **Entz**, G., *jun.* *l.c.* (122).

Haplophragmium canariense D'Orbigni, faunistisch. **Entz**, G. *jun.* *l.c.* (121).

Hauerina compressa d'Orb. **Sidebottom**, H. Manchester, Mem. Lit. Phil. Soc., **48**, Mem. 5, 1904, (19, pl. V, figs. 7, 8).

Lagena siphonata Gruber, faunistisch. **Entz**, G., *jun.* Állatt. Közlem., Budapest, **3**, 1904, (122).

Lagenula reticulata Macgill., faunistisch. **Entz**, G., *jun.* *l.c.* (122).

Massilina annectens (d'Orb), *M. rugosa* n. sp. **Sidebottom**, H. Manchester, Mem. Lit. Phil. Soc., **48**, Mem. 5, 1904, (18, pl. V, figs. 2–6).

Microgromia nn. spp. **Pénard**, E. Arch. Protistenkunde, Jena, **3**, 1904, (416–418).

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Nonionina orbicularis Brady. **Millett**, F. W. *l.c.* (600, pl. XI, fig. 1).

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Nummulites, liste de la provenance des échantillons types de la monographie des Nummulites de d'Archiac. **Thévenin**, A. Paris, Bul. soc. géol., (sér. 4), **3**, 1903, (261–264); *N. distans*† (A and B forms), *N. dufrenoyi*† (A and B). **Holland**, R. London, Q. J. Geol. Soc., **60**, 1904, (292, 293, pl. XXV, figs. 1–6).

Orthophragmina† nn. spp **Schlumberger**, C. Paris, Bul. soc. géol., (ser. 4), **3**, 1903, (277–284, av. pls.).

Pamphagus bathybioticus n. sp. **Penard**, E. Arch. Protistenkunde, Jena, **3**, 1904, (413); *P. hyalinus*, peculiar habit. **Lord**, J. E. Manchester, Trans. Microsc. Soc., **1903**, (76–78, pl. III, fig. 1).

Pelosina distoma n. sp. **Millett**, F. W. London, J. R. Microsc. Soc., **1904**, (608, pl. XI, figs, 5, 6).

Planispirina nn. spp. **Sidebottom**, H. Manchester, Mem. Lit. Phil. Soc., **48**, Mem. 5, 1904, (20, 21, pl. V, figs. 9–14).

Polymorphina compressa var. *striata*† n. var. Maryland. **Bagg**, R. M., *jun.* Maryland Geol. Surv., Miocene, Baltimore, 1904, (476).

Polystomella crispa (Linn.) *P. verriculata* Brady. **Millett**, F. W. London, J. R. Microsc. Soc., **1904**, (603–604, pl. XI, figs. 2, 3).

Pulvinulina brongniartii (d'Orb.), *P. oblonga* (Will.) var. *carinata* n. var. **Millett**, F. W. *l.c.* (498, pl. X, figs. 3, 4).

Rotalia annectens var. *concinna* n. var., *R. schroeteriana* Park. and J. var. *inflata* n. var. **Millett**, F. W. *l.c.* (504, 505, pl. X, figs. 5–7).

Sagrina spinosa† n. sp. Maryland. **Bagg**, R. M., *jun.* Maryland Geol. Surv., Miocene, Baltimore, 1904, (480).

Sigmoilina ovata n. sp. **Sidebottom**, H. Manchester, Mem. Lit. Phil. Soc., **48**, Mem. 5, 1904, (6, pl. II, figs. 12, 13).

Spiroculina impressa Tey. **Sidebottom**, H. *l.c.* (5, pl. II, figs. 9–11).

Textularia sp., faunistisch. **Entz**, G., *jun.* Állatt. Közlem., Budapest, **3**, 1904, (121).

Thurammina favosa Flint. **Millett**, F. W. London, J. R. Microsc. Soc., **1904**, (608, pl. XI, fig. 7).

Triticites† n. gen., (type *Miliolites secalicus* Say). **Girty**, H. Amer. J. Sci., New Haven, Conn., (Ser. 4), **17**, 1904, (234–240, with text fig.).

AMOEBAEA.

General.

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Zorn, L. Beitrag zur Kenntniss der Amöbenenteritis. D. Arch. klin. Med., Leipzig, **72**, 1902, (366–379).

Special.

Amoeba spp., cultivation and etiologic significance. **Musgrave**, W. E. and **Clegg**, M. T. Manila, P. I., Dept. Int., Bur. Govt. Lab., [Pub.], No. **18**, 1904, (5–89, with pl.); *A.*, physical imitations of the activities of. **Jennings**, H. S. Amer. Nat., Boston, Mass., **38**, 1904, (625–642, with text fig.); *A.*, culture of. **Weysse**, A. W. Science, New York, N.Y., (N. Ser.), **20**, 1904, (650); *A.*, nn spp. **Penard**, E. Arch. Protis-

tenkunde, Jena, **3**, 1904, (392-395); *A. proteus* Pall. sp., Teilung. **Awerinzew**, S. Zool. Anz., Leipzig, **27**, 1904, (399–400); *A. proteus*, evidences of a sexual cycle in the life-history. **Calkins**, G. N. Arch. Protistenkunde, Jena, **5**, 1904, (1–16, mit 3 Taf.); *A. terricola* Greiff im südlichen Skandinavien und an der mecklenburgischen Küste. **Richters**, F. Zool. Anz., Leipzig, **28**, 1904, (347–352); *A. viridis* Leidy. **Gruber**, A. Zool. Jahrb., Jena, Suppl. **7**, 1904, (67–70, mit 1 Taf.).

Arcella, variation. **Pearl**, R. and **Dunbar**, F. J. Lansing, Rep. Mich. Acad. Sci., **5**, 1904, (202–204).

Cochliopodium nn. spp. **Penard**, E. Arch. Protistenkunde, Jena, **3**, 1904, (401, 405).

Difflugia minutissima n. sp. **Penard**, E. *l.c.* (410); *D. urceolata*, Carter. **Zuelzer**, M. *l.c.* **4**, 1904, (240–295, mit 3 Taf.).

Difflugiella n. gen., *D. apiculata* n. sp. **Cash**, J. London, J. Linn. Soc. Zool., **29**, 1904, (224–225, pl. XXVI, fig. 7).

Entamoeba buccalis n. sp. **Prowazek**, S. Berlin, Arb Gesundhtsamt, **21**, 1904, (42–44); *E. undulans* n. sp. **Castellani**, A. J. Hygiene, Cambridge, **4**, 1904, (495–510).

Pelomyxa fragilis n. sp. **Penard**, E. Arch. Protistenkunde, Jena, **3**, 1904, (397).

Penardia n. gen., *P. mutabilis* n. sp. **Cash**, J. London, J. Linn. Soc. Zool., **29**, 1904, (223–224).

Pseudochlamys arcelloides n. sp. **Penard**, E. *l.c.* (408).

Pseudodifflugia virescens n. sp. **Penard**, E. *l.c.* 1904, (421).

Quadrula subglobosa †, subfossil in Schweden. **Lagerheim**, G. Stockholm Geol. För. Förh., **24**, 1902, (346–352, with pl.).

SPOROZOA.

GENERAL.

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GREGARINIDA.

General.

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Diplocystis clerci n. sp. parasite de l'*Embia solieri*. Rambur. **Léger**, L. Arch. Protistenkunde, Jena, **3**, 1904, (360–361).

Gregarina marteli n. sp. parasite de l'*Embia solieri* Rambur. **Léger**, L. *l.c.* (358–360); *G. ovata*, Morphologie, Fortpflanzung und Entwicklung. **Paehler**, F. *l.c.* **4**, 1904, (64–87, mit 2 Taf.); Diss. Marburg, 1904, (27).

Schaudinnella n. gen., *S. henleae* n. sp., im Darmkanale von *Henlea leptodera* Vejd. **Nusbaum**, J. Zs. wiss. Zool., Leipzig, **75**, 1903, (281–307, mit 1 Taf.).

Stenophora nn. spp. **Léger**, L. et **Duboscq**, O. Arch. Protistenkunde, Jena, **4**, 1904, (368–372).

Stylorynchus, reproduction sexuée. **Léger**, L. *l.c.* **3**, 1904, (303–357, mit 2 Taf.).

COCCIDIIDEA.

Adelea dimidiata coccidioides, coccidie parasite de *Scolopendra oraniensis lusitanica*. **Léger**, L. et **Duboscq**, O. Paris, C.-R. ass. franç. avanc. sci., **31**, (Moutauban, 1902); première partie, 1902, (231); deuxième partie, 1903, (714–716); *A. transita* n sp. parasite de

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Tintinnus lusus undae Entz, *T. fraknoii* Daday, *T. inquilinus* O. Fr. Müll., faunistisch, Grösse und Variation der Gehäuse. **Entz,** G., *jun.* *l.c.* (123).

Trachelocerca phoenicopterus Cohn, faunistisch. **Entz,** G., *jun.* *l.c.* (122).

Undella azorica Cleve, *U. campanula* Schmidt, *U. claparèdei* (Entz) Daday, *U. hyalina* Daday, faunistisch. **Entz,** G., *jun.* *l.c.* (124).

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LIST OF NEW GENERA AND SPECIES.

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——— *lenticula*. Borgert. 16.

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0603-0631 PORIFERA (OR SPONGIDA).

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The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Etheridgea sp.† **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (506).

Euplectella nobilis n. sp. **Schulze**, F. E. Wissensch. Ergebnisse d. D. Tiefsee-Expedition, Jena, **4**, 1904, (266); *E. suberea* Thomson, description. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (38–39).

Eurete alicei, re-described. **Topsent**, E. *l.c.* (45–48); *E. erectum* nn. subspp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll., **30**, 1904, ([1]–164+26 l., with 26 pls.).

Farrea nn. spp. **Wilson**, H. V. *l.c.* (57–62); *F. occa* Carter, *F. weltneri*, described; *F. occa* (Bowerbank) var. *laminaris* n. var. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (42–44).

Guettardia angularis†, *G. stellata*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (506); *G. stellata*†. **Rowe**, A. W. London, Proc. Geol. Ass., **3**, 1904, (193–296).

Hexactinella labyrinthica n. sp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll., **30**, 1904, (77–82).

Holascus nn. spp. **Schulze**, F. E. Wissensch. Ergebnisse d. D. Tiefsee-Exoedition, Jena **4**, 1904, (266).

Ilyalaecus similis n. sp. **Ijima**, I. Tokyo, J. Coll. Sci., **18**, Art. 7, 1904, (1–307, with 23 pls.).

Hyalonema nn. spp. **Schulze**, F. E. Wissensch. Ergebnisse d. D. Tiefsee-Expedition, Jena, **4**, 1904, (366); *H.* nn. spp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll., **30**, 1904, (16–33); *H. thomsoni* Marshall, *H. infundibulum*, description. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (31–32).

Leptophragma fragilis†, *L. murchisoni*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (506); *L. murchisoni*†. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (193–296).

Malacosaccus floricomatus, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (33–38).

Monorhaphis n. gen., *M. chuni*, *M. divis* nn. spp. **Schulze**, F. E. Wissensch. Ergebnisse d. D. Tiefsee-Expedition, Jena, **4**, 1904, (266).

Ophrystoma micrommatum†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (505).

Pheronema grayi Saville Kent, re-described. **Topsent**, E. Résult. Camp. Scient., Monaco, fasc. **25**, 1904, (29–31).

Placotrema cretaceum†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (507).

Platylistrum n. gen., *P. platessa* n. sp. **Schulze**, F. E. Wissensch. Ergebnisse d. D. Tiefsee-Expedition, Jena, **4**, 1904, (266).

Pleurostigma radiatum†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (507).

Plocoscyphia†. **Holmes**, W. M. Croydon, Proc. Trans. Sci. Soc. Nat. Hist., **1904**, (45–46); *P. convoluta*†, *P.* sp. †. **Hinde**, G. J. Geol. Mag., London, (N. Ser.), [5], **1**, 1904, (484–485); *P. convoluta*†, *P. elegans*†, *P. fenestrata*†, *P. flexuosa*†, *P. foliacea*†, *P. labrosa*†, *P. meandrina*†, *P. labyrinthica*†, *P. reticulata*†, *P. subrata*†, *P. vagans*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv., U.K., London, **3**, 1904, (507–508); *P. convoluta*†. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (193–296).

Placotrema cycta enim†. **Holmes**, W. M. Croydon, Proc. Trans. Sci. Soc. Nat. Hist., **1904**, (45–46).

Polyblastidium racemosum†, *P. tuberosum*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

Porochonia simplex†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508); **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (193–296).

Ramella n. gen., *R. tubulosa* n. sp. **Schulze**, F. E. Wissensch. Ergebnisse d. D. Tiefsee-Expedition, Jena, **4**, 1904, (266).

Regadrella delicata n. sp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard. Coll., **30**, 1904, (36–42+26 l., with 26 pls.); *R. phoenix* Schmidt, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (39–40).

Rhabdocalyptus baculifer n. sp. **Schulze**, F. E. Wissensch. Ergebnisse d. D. Tiefsee-Expedition, Jena, **4**, 1904, (266); *R. unguiculatus* n. sp. **Ijima**, I. Tokyo, J. Coll. Sci., **18**, Art. 7, 1904, (1–307, with 23 pls.).

Sarostegia n. gen., *S. oculata* n. sp. Iles du Cap.-Vert. **Topsent**, E. Monaco, Bull. Mus., **1904**, No. 10, (1–8).

Sclerothamnopsis n. gen. *S. compressa* n. sp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll., **30**, 1904, (84–87).

Scyphia pedunculata†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

Sestrocladia furcatus†. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (508).

Sphenodictya n. gen., *S. cornigera*† n. sp. Ohio Carboniferous. **Herzer**, H. Columbus, Rep. Ohio Acad. Sci., **9**, (1900), 1901, (30–31, with illustr.).

Sporadoscinia capax†, *S. micrommata*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

Stauractinella cretacea†. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (508).

Staurocalyptus nn. spp. **Ijima**, I. Tokyo, J. Coll. Sci., **18**, Art. 7, 1904, (1–307, with 23 pls.).

Stauronema carteri†, *S. lobatum*†, *S. planum*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

Strephinia convoluta†, *S. retiformis*†. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (508).

Toulminia obliqua†. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (509).

Tremabolites perforatus†. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (509).

Ventriculites† spp. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (509); *V.*† spp. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (193–296); *V. decurrens*†, *V. impressus*†, *V. alcyonoides*†, *V. radiatus*†. **Holmes**, W. M. Croydon, Proc. Trans. Sci. Soc. Nat. Hist., **1904**, (45–46).

Verrucocoelia tubulata†, *V. vectensis*†, *V.* sp.†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (509).

DEMOSPONGIAE.

CARNOSA.

Corticella geodioides (Carter), re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (77–79).

Placinastrella oxeata n. sp. **Topsent**, E. *l.c.* (102–103).

Thrombus abyssi (Carter) Sollas var. *niger* n. var. **Topsent**, E. *l.c.* (100–102).

TETRACTINELLIDA.

Aulaxinia costata†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (505).

Azorica pfeifferae (Carter), re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (63–64).

Bolospongia constricta†, *B. globata*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (505).

Callopegma obconicum†. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (193–296); *C. ficoideum*†, *C. obconicum*†, *C.*† sp. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (505).

Characella pachastrelloides (Carter), re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (95).

Chrotella amphiacantha n. sp. **Topsent**, E. *l.c.* (96–97).

Corallistes noli-tangere Schmidt, re-described. **Topsent**, E. *l.c.* (59–60).

Craniella cranium (Muller) Sollas, re-described; *C. disigma* n. sp. **Topsent**, E. *l.c.* (99–100).

Ctenendopora callodictya†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (505).

Discodermia ramifera, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (57–58).

Doryderma ramosum, *D. roemeri*†, *D.*† sp. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (506).

Erylus nummulifer, *E. mammillaris* (Schmidt), re-described; nn. spp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (71–75).

Geodia eosaster (Sollas), re-described; nn. spp. **Topsent**, E. *l.c.* (67–71).

Hallirhoa agariciformis†, *H. costata*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (506).

Heterostinia obliqua†. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (506); *H.* **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (193–296).

Isoraphinia tecta†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U.K., London, **3**, 1904, (506).

Jerea cordiformis†, *J. excavata*†? *J. websteri*†, *J.*† sp. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (506).

Jereica clava†. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (506).

Macandrewia azorica Gray, re-described; nn. spp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (60–62).

Monocrepidium vermiculatum, re-described. **Topsent**, E. *l.c.* (148).

Nelumbia tuberosa†, *N.*† sp. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (506)

Nematinion calyculum†, *N.*† sp. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (507).

Nethea amygdaloides (Carter), re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (94).

Ophiraphidites anastomosans. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (507).

Pachastrella convoluta†. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (507); *P. monilifera* Schmidt, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (92-94).

Pachinion scriptum†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (507).

Penares foliaformis n. sp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll., **30**, 1904, (111-114); *P. sclerobesa* n. sp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (82-83).

Petromica grimaldii, re-described. **Topsent**, E. *l.c.* (64-66).

Pholidocladia dichotoma†, *P. ramosa*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (507).

Phymaplectia cribrata†, *P. irregularis*†, *P. scitula*†, *P. spinosa*. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (507).

Phymatella intumescens†, *P. reticulata*†. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (507).

Pilochrota lactea (Carter), re-described; nn. spp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (79-82).

Plinthosella† spp. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (507); *P. squamosa*†. **Hinde**, G. J. Geol. Mag., London, (N. Ser.), [5], **1**, 1904, (484, 485).

Poecillastra nn. spp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll., **30**, 1904, (101-110); *P. compressa* (Bowerbank) Sollas *P. symbiotica*, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (89-92).

Polyjerea arbuscula†, *P. lobata*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K. London, **3**, 1904, (508).

Racodiscula clava (Schmidt), re-described. **Topsent**, E. *l.c.* (58).

Ragadinia clavata†, *R. compressa*†, *R. sulcata*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

Rhaxella perforata H. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (n. ser.), 54 and 55, **1904**, (40).

Scytalia fastigiata†, *S. radiciformis*†, *S. terebrata*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

Seliscothon explanatus†, *S. planus*†. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (508).

Siphonia ficus †, *S. koenigi*†, *S. tulipa*. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (508).

Siphonidium ramosum Schmidt, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (63).

Sphinctrella horridae Schmidt, *S. ornata* Sollas, *S. gracilis* Sollas, description. **Topsent**, E. *l.c.* (86-89).

Stachyspongia spica†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (505).

Stelletta inclusa†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508); **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (293); *S. tuberosa*, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (75-77).

Stichophyma tumidum†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

Stryphnus fortis (Vosmaer) Sollas, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (83-85).

Tethyopsis cretaceus†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

Tetilla longipilis n. sp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (97-99).

Thamnospongia† spp. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (508–509).

Thecosiphonia nobilis†, *T. turbinata*†. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (509).

Thenea nn. spp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll., **30**, 1904, (88–100); *T. schmidti* Sollas, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (85).

Trachysycon sulcatum†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (509).

Turonia variabilis†. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (509).

Verruculina† spp. **Jukes-Browne**, A. J. and **Hill**, W. *l.c.* (509).

MONAXONIDA.

Acanthoraphis intertextus†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904, (505).

Acarnus tortilis, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (171).

Allectona millari Carter, redescribed. **Topsent**, E. *l.c.* (111–112).

Artemisina erecta n. sp. **Topsent**, E. *l.c.* (214–215).

Auletta dendrophora n. sp. **Wilson**, H. V. Cambridge, Mass., Mem. Mus. Comp. Zool., Harvard Coll., **30**, 1904, (158–161); *A. sycinularia* Schmidt, re-described. *A. sessilis* n. sp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (143–145).

Axinella flustra, re-described; nn. spp. **Topsent**, E. *l.c.* (139–142).

Biemma rosea (Fristedt) Lundbeck, *B. grimaldii*, re-described. **Topsent**, E. *l.c.* (226–228).

Bubaris vermiculata (Bowerbank) Gray, *B. mastophora*, re-described; *B. sosia* n. sp. **Topsent**, E. *l.c.* (145–147).

Carterius stepanowi Dyb., eine zweite deutsche Fundstätte. **Zacharias**, O. Biol. Centralbl., Leipzig, **23**, 1903, (483–484).

Ceraochalina nuda var. *axyus* Lend. described; *C. reteplax* var. *tenuis* n. var. **Thum**, E. Bruxelles, Ann. Soc. roy. malac., **38**, (1903), 1904, (Mém. 15–17, figs. 12–17).

Cerbaris toquata, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (160–161).

Chalina oculata. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (186).

Chalinissa elongata var. *tenuispicula* n. var., *C. communis* var. *tenuis* n. var. **Thum**, E. Bruxelles, Ann. Soc. roy. malac., **38**, (1903), 1904, (Mém. 13–14, figs. 8–10).

Chalinopora typica var. *tenuispina* Lend. described. **Thum**, E. *l.c.* (Mém. 11, figs. 1–4).

Chondrocladia guiteli n. sp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (207–209).

Cladochalina euplax Lend. described. **Thum**, E. Bruxelles, Ann. Soc. roy. malac., **38**, (1903), 1904, (Mém. 11–12, figs. 5–7).

Cladocroce spathiformis n. sp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (242–243).

Cliona celata. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (186); *C. cretacea*†. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (293); *C. cretacea*†, *C. glomerata*†. **Jukes-Browne**, A. J. and **Hill**, W. Mem. Geol. Surv. U. K., London, **3**, 1904 (505); *C. labyrinthica* Hancock, *C. levispira*, re-described. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1901, (105–107).

Clione, pearls originated. **Herdman**, W. A. London, Rep. Brit. Ass., **1903**, (695).

Dendoryx dentata n. sp. **Topsent**, E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (172–173).

Desmacella inornata (Bowerbank), re-described. **Topsent**, E. *l.c.* (225–226).

Desmacidon fruticosus (Johnston) Bowerbank); nn. spp. **Topsent**, E. *l.c.* (203–205).

Dotona pulchella Carter, re-described. **Topsent**, E. *l.c.* (108–109).

Dragmatyle n. gen., *D. lictor* n. sp. **Topsent**, E. *l.c.* (195).

Esperella tunicata (Schmidt) Vosmaer, re-described, *L. fascifibula* n. sp. **Topsent,** E. *l.c.* (200–201).

Esperiopsis villosa Carter, re-described; nn. spp. **Topsent,** E. *l.c.* (211–214).

Euchalina exigua var. *arborea* Lend. described. **Thum,** E. Bruxelles, Ann. Soc. roy. malac., **38,** (1903), 1904, (Mém. 20–21, figs. 25, 26).

Forcepia description of genus, *F. bulbosa* (Carter) Vosmaer, re-described; *F. imperfecta* n. sp. **Topsent,** E. Résult. Camp. scient., Monaco, fasc. **25,** 1904, (177–180).

Gelliodes bifacialis n. sp. **Topsent,** E. *l.c.* (229–230).

Gellius flagellifer Ridley and Dendy, re-described. **Topsent,** E. *l.c.* (231–232); *G. perforatus* n. sp. **Wilson,** H. V. Cambridge, Mass., Mem. Mus. Comp. Zool., Harvard Coll., **30,** 1904, (130, 134).

Guitarra voluta n. sp. **Topsent,** E. Résult. Camp. scient., Monaco, fasc. **25,** 1904, (209–211).

Halichondria fibrosa (Fristedt) Lundbeck, *H. leuconoides*, re-described. **Topsent,** E. *l.c.* (247–249); *H. panicea.* **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7,** 1904, (186).

Halicnemia constellata var. *azorica* n. var. **Topsent,** E. Résult. Camp. scient., Monaco, fasc. **25,** 1904, (149).

Hamacantha johnsoni (Bowerbank) Gray, *H. schmidti* (Carter) Lundbeck, *H. clavisaepta* re-described; nn. spp. **Topsent,** E. *l.c.* (215–224).

Heteroxya corticata, re-described. **Topsent,** E. *l.c.* (133–135).

Higginsia thielei, re-described. **Topsent,** E. *l.c.* (150–151).

Hymedesmia chondrilloides, *H. stelligera* (Carter) description, *H. unistellata* var. *aspera* n. var. **Topsent,** E. *l.c.* (112–113).

Hymeniacidon sanguineum. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7,** 1904, (186).

Hymeraphia clava Bowerbank, *H. viridis*, *H. affinis*, *H. peachi*, re-described; nn. spp. **Topsent,** E. Résult. Camp. scient., Monaco, fasc. **25,** 1904, (161–167).

Hymerhabdia oxytrunca n. sp. **Topsent,** E. *l.c.* (159–160).

Hymetrochota n. gen., *H. rotula* n. sp. **Topsent,** E. *l.c.* (168).

Iophon nn. spp. **Wilson,** H. V. Cambridge, Mass., Mem. Mus. Comp. Zool., Harvard Coll., **30,** 1904, (143–154).

Jaspis johnstoni (Schmidt), *J. johnstoni* var. *incrustans*, *J. dendyi* (Sollas), re-described. **Topsent,** E. Résult. Camp. scient., Monaco, fasc. **25,** 1904, (128–130).

Joyeuxia viridis, re-described; *J. tubulosa* n. sp. **Topsent,** E. *l.c.* (205–207).

Latrunculia biannulata, *L. insignis*, re-described. **Topsent,** E. *l.c.* (115–117).

Leptolabis n. gen. (for *L. luciensis*), *L. forcipula*, *L. arcuata*, *L. forcipula* var. *brunnea* n. var. **Topsent,** E. *l.c.* (181–185); *L. luciensis.* **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7,** 1904, (186).

Leptosastra n. gen., *L. constellata* n. sp. **Topsent,** E. Résult. Camp. scient., Monaco, fasc. **25,** 1904, (194).

Leptosia dujardini (Bowerbank), *L. occulta*, *L. pecqueryi*, *L. koehleri*, *L. schmidti*, *L. baculifera*; nn. spp. **Topsent,** E. *l.c.* (185–193).

Lissodendoryx nn. spp. **Topsent,** E. *l.c.* (173–174).

Metschnikowia spinispiculum (Carter), *M. filholi*, re-described. **Topsent,** E. *l.c.* (243–244).

Myxilla paupertas (Bowerbank) Vosmaer, re-described, *M. mariana* Ridley et Dendy var. *polysigma* n. var. **Topsent,** E. *l.c.* (168–170).

Oceanapia bacillifera n. sp. **Wilson,** H. V. Cambridge, Mass., Mem. Mus. Comp. Zool., Harvard Coll., **30,** 1904, (128–130); *O. robusta* (Bowerbank) Norman, re-described. **Topsent,** E. Résult. Camp. scient., Monaco, fasc. **25,** 1904, (228–229).

Oxycordyla n. gen., *O. pellita* n. sp. **Topsent,** E. *l.c.* (135–136).

Pachychalina acapulcensis n. sp. **Wilson,** H. V. Cambridge, Mass., Mem. Mus. Comp. Zool., Harvard Coll., **30,** 1904, (124–127).

Petrosia nn. subspp. **Wilson,** H. V. *l.c.* (118–124); *P. crassa* (Carter) Lundbeck, re-described. **Topsent,** E. Résult. Camp. scient., Monaco, fasc. **25,** 1904, (240-241).

Phakellia lamelligera n. sp. **Wilson,** H. V. Cambridge, Mass., Mem. Mus. Comp. Zool., Harvard Coll., **30,** 1904, (155–158); *P. robusta* Bowerbank, re-described. **Topsent,** E.. Résult. Camp. scient., Monaco, fasc. **25,** 1904, (143).

Phloeodictyon fistulosum (Bowerbank), *P. elongatum* (Topsent) Lundbeck, re-described; nn. spp. **Topsent,** E. *l.c.* (235–240).

Phlyctaenopora n. gen., *P. bitorquis* n. sp. **Topsent,** E. *l.c.* (198-200).

Phylosiphonia pumila Lend. described. **Thum,** E. Bruxelles, Ann. Soc. roy. malac., **38,** (1903), 1904, (Mém. 17–18, figs. 18, 19).

Plocamia ambigua (Bowerbank), *P. coriacea* (Bowerbank) var. *elegans* Ridley et Dendy, re-described. **Topsent,** E. Résult. Camp. scient., Monaco, fasc. **25,** 1904, (154–155).

Plocamiopsis n. gen., *P. signata* n. sp. **Topsent,** E. *l.c.* (155–156).

Polymastia corticata Ridley et Dendy, re-described. **Topsent,** E. *l.c.* (119–120); *P. maeandria* n. sp. **Wilson,** H. V. Cambridge, Mass., Mem. Mus. Comp. Zool., Harvard Coll., **30,** 1904, (115–117).

Reniera impleza Schmidt, re-described; nn. spp. **Topsent,** E. Résult. Camp. scient., Monaco, fasc. **25,** 1904, (244–246).

Rhabderemia minutula (Carter), re-described. **Topsent,** E. *l.c.* (152–153).

Rhabdoploca n. gen. for *R. curvispiculifera* (Carter). **Topsent,** E. *l.c.* (157).

Rhaphidorus setosus, re-described. **Topsent,** E. *l.c.* (120–122).

Rhaphidotheca loricata, re-described. **Topsent,** E. *l.c.* (202–203).

Rhaphisia spissa, re-described. **Topsent,** E. *l.c.* (233–235).

Rhizaxinella nn. spp. **Topsent,** E. *l.c.* (126-128).

Sceptrintus richardi, re-described. **Topsent,** E. *l.c.* (117–119).

Sollasella hystrix, re-described. **Topsent,** E. *l.c.* (142-143).

Spinosella sororia var. *dilatata* Dendy, var. *elongata* Dendy described. **Thum,** E. Bruxelles, Ann. Soc. roy. malac., **58,** (1903), 1904, (Mém. 18–20, figs 20–24).

Spongosorites placenta, re-described. **Topsent,** E. Résult. Camp. scient., Monaco, fasc. **25,** 1904, (130–131).

Stelodoryx n. gen., *S. procera* n. sp. **Topsent,** E. *l.c.* (174–176).

Stylostichon repens n. sp. **Topsent,** E. *l.c.* (170).

Stylotella jullieni, re-described. **Topsent,** E. *l.c.* (224–225).

Suberites nn. spp. **Topsent,** E. *l.c.* (124–126); *S. domuncula,* Spongosterin, eine cholesterinartige Substanz aus, und seine angebliche Beziehung zum Lipochrom dieses Tieres. **Henze,** M. Hoppe-Seylers Zs. physiol. Chem., Strassburg, **41,** 1904, (109–124); *S. domuncula.* **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7,** 1904, (186).

Suberotelites demonstrans, re-described. **Topsent,** E. Résult. Camp. scient., Monaco, fasc. **25,** 1904, (157).

Syringella humilis, S. falcifera, re-described. **Topsent,** E. *l.c.* (138–139).

Tedania suctoria Schmidt, *T. commixta* Ridley et Dendy, re-described. **Topsent,** E. *l.c.* (176–177).

Thoosa armata, re-described. **Topsent,** E. *l.c.* (109–111).

Topsentia glabra Berg, *T. pachastrelloides,* re-described. **Topsent,** E. *l.c.* (131–133).

Trachyforcepia n. gen. for *T. groenlandica* (Fristedt). **Topsent,** E. *l.c.* (181).

Tragosia infundibuliformis, T. polypoides. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7,** 1904, (186).

Tylexocladus joubini, re-described. **Topsent,** E. Résult. Camp. scient., Monaco, fasc. **25,** 1904, (122–123).

Tylodesma nn. spp. **Wilson,** H. V. Cambridge, Mass., Mem. Mus. Comp. Zool., Harvard Coll., **30,** 1904, (136–142).

Yvesia pertusa, Y. alecto, re-described, *Y. carnosa* n. sp. **Topsent,** E. Résult. Camp. scient., Monaco, fasc. **25,** 1904, (196–198).

KERATOSA.

Aplysinopsis nn. spp. **Szymanski,** M. Zool. Anz., Leipzig, **27**, 1904, (445–449).

Darwinella simplex, re-described. **Topsent,** E. Résult. Camp. scient., Monaco, fasc. **25**, 1904, (55–56).

Hircinia vestibulata n. sp. **Szymanski,** M. Zool. Anz., Leipzig, **27**, 1904, (445–449).

MYXOSPONGIDA.

Halisarca dujardini. **M. B. A.** Plymouth., J. Mar. Biol. Ass., **7**, 1904, (186).

INCERTAE SEDIS.

Talpina dendrina†, *T. ramosa*†, *T. solitaria*†. **Jukes-Browne,** A. J. and **Hill,** W. The Cretaceous Rocks of Britain. Mem. Geol. Surv. U. K., London, **3**, 1904, (508).

LIST OF NEW GENERA AND SPECIES.

APLYSINOPSIS [Keratosa].
——— *massa.* Szymanski. 22.
——— *tuberosa.* Szymanski. 22.

ARTEMISINA [Monaxonida].
——— *erecta.* Topsent. 24.

AULETTA [Monaxonida].
——— *dendrophora.* Wilson. 28.
——— *sessilis.* Topsent. 24.

AXINELLA [Monaxonida].
——— *vasonuda.* Topsent. 24.
——— *vellerea.* Topsent. 24.

BATHYDORUS [Hexactinellida].
——— *levis* : *spinosus* n. subsp. Wilson. 28.

BUBARIS [Monaxonida].
——— *sosia.* Topsent. 24.

CAULOPHACUS [Hexactinellida].
——— *schulzei.* Wilson. 28.

CERAOCHALINA [Monaxonida].
——— *reteplax* var. *tenuis* n. var. Thum. 23.

CHALINISSA [Monaxonida].
——— *communis* var. *tenuis* n. var. Thum. 23.
——— *elongata* var. *tenuispicula* n. var. Thum. 23.

Chaunangium n. gen. [Hexactinellida]. Schulze. 21.
——— *crater.* Schulze. 21.

CHONDROCLADIA [Monaxonida].
——— *guiteli.* Topsent. 24.

CHROTELLA [Tetractinellida].
——— *amphiacantha.* Topsent. 24.

CLADOCROCE [Monaxonida].
——— *spathiformis.* Topsent. 24.

Compsocalyx n. gen. [Hexactinellida]. Schulze. 21.
——— *gibberosa.* Schulze. 21.

CRANIELLA [Tetractinellida].
——— *disigma.* Topsent. 24.

DENDORYX [Monaxonida].
——— *dentata.* Topsent 24.

DESMACIDON [Monaxonida].
——— *abyssi.* Topsent. 24.
——— *peltatus.* Topsent. 24.

Dragmatyle n. gen. [Monaxonida]. Topsent. 24.
——— *lictor.* Topsent. 24.

ERYLUS [Tetractinellida].
——— *chavesi.* Topsent. 24.
——— *granularis.* Topsent. 24.

ESPERELLA [Monaxonida].
——— *fascifibula.* Topsent. 24.

ESPERIOPSIS [Monaxonida].
——— *decora.* Topsent. 24.
——— *glomeris.* Topsent. 24.

EUPLECTELLA [Hexactinellida].
——— *nobilis.* Schulze. 21.

EURETE [Hexactinellida].
——— *erectum* : *gracile* n. subsp. Wilson. 28.
——— ——— *muconatum* n. subsp. Wilson. 28.
——— ——— *tubuliferum* n. subsp. Wilson. 28.

FARREA [Hexactinellida].
——— *occa* : *claviformis* n. subsp. Wilson. 28.
——— ——— var. *laminaris* n. var. Topsent. 24.
——— *mexicana.* Wilson. 28.

FORCEPIA [Monaxonida].
——— *imperfecta.* Topsent. 24.

GELLIODES [Monaxonida].
——— *bifacialis.* Topsent. 24.

GELLIUS [Monaxonida].
——— *perforatus.* Wilson. 28.

Geodia [Tetractinellida].
——— *echinastrella*. Topsent. 24.
——— *spherastrella*. Topsent. 24.

Guitarra [Monaxonida].
——— *voluta*. Topsent. 24.

Halichemia [Monaxonida].
——— *constellata* var. *azorica* n. var. Topsent. 24.

Hamacantha [Monaxonida].
——— *carteri*. Topsent. 24.
——— *implicans* var. *azorica* n. var. Topsent. 24.
——— *integra*. Topsent. 24.
——— *lundbecki*. Topsent. 24.

Hexactinella [Hexactinellida].
——— *labyrinthica*. Wilson. 28.

Hircinia [Keratosa].
——— *vestibulata*. Szymanski. 22.

Holascus [Hexactinellida].
——— *obesus*. Schulze. 21.
——— *tenuis*. Schulze. 21.

Hyalascus [Hexactinellida].
——— *similis*. Ijima. 13.

Hyalonema [Hexactinellida].
——— *bianchoratum*. Wilson. 28.
——— *calix*. Schulze. 21.
——— *coniforme*. Schulze. 21.
——— *molle*. Schulze. 21.
——— *nicobaricum*. Schulze. 21.
——— *pateriferum*. Wilson. 28.
——— *pedunculatum*. Wilson. 28.
——— *proximum*. Schulze. 21.
——— *simile*. Schulze. 21.
——— *solutum*. Schulze. 21.
——— *somalicum*. Schulze. 21.
——— *tulipa*. Schulze. 21.
——— *urna*. Schulze. 21.
——— *valdiviae*. Schulze. 21.
——— *validum*. Schulze. 21.

Hymedesmia [Monaxonida].
——— *unistellata* var. *aspera* n. var. Topsent. 24.

Hymeraphia [Monaxonida].
——— *hispidula*. Topsent. 24.
——— *mucronata*. Topsent. 24.
——— *mutabilis*. Topsent. 24.
——— *pilosella*. Topsent. 24.
——— *spinispinosa*. Topsent. 24.

Hymerhabdia [Monaxonida].
——— *oxytrunca*. Topsent. 24.

Hymetrochota n. gen. [Monaxonida]. Topsent. 24.
——— *rotula*. Topsent. 24.

Iophon [Monaxonida].
——— *chelifer*: *ostia-magna* n. subsp. Wilson. 28.
——— *lamella*. Wilson. 28.
——— ——— *indivisus* n. subsp. Wilson. 28.
——— *indentatus*. Wilson. 28.

Joyeuxia [Monaxonida].
——— *tubulosa*. Topsent. 24.

Leptolabis n. gen. [Monaxonida]. Topsent. 24.
——— *arcuata*. Topsent. 24.
——— *forcipula*. Topsent. 24.
——— ——— var. *brunnea* n. var. Topsent. 24.

Leptosastra n. gen. [Monaxonida]. Topsent. 24.
——— *constellata*. Topsent. 24.

Leptosia [Monaxonida].
——— *acerata*. Topsent. 24.
——— *biscutella*. Topsent. 24.
——— *obtusata*. Topsent. 24.
——— *rhaphigena*. Topsent. 24.
——— *umbellifera*. Topsent. 24.

Lissodendoryx [Monaxonida].
——— *fertilior*. Topsent. 24.
——— *simplex*. Topsent. 24.

Macandrewia [Tetractinellida].
——— *ramosa*. Topsent. 24.
——— *robusta*. Topsent. 24.

Monorhaphis n. gen. [Hexactinellida]. Schulze. 21.
——— *chuni*. Schulze. 21.
——— *divis*. Schulze. 21.

Myxilla [Monaxonida].
——— *mariana*: var *polysigma* n. var. Topsent. 24.

Oceanapia [Monaxonida].
——— *bacillifera*. Wilson. 28.

Oxycordyla n. gen. [Monaxonida]. Topsent. 24.
——— *pellita*. Topsent. 24.

Pachychalina [Monaxonida].
——— *acapulcensis*. Wilson. 28.

Penares [Tetractinellida].
——— *foliaformis*. Wilson. 28.
——— *sclerobesa*. Topsent. 24.

Petrosia [Monaxonida].
——— *similis*: *densissima* n. subsp. Wilson. 28.
——— *variabilis*: *crassa* n. subsp. Wilson. 28.

Phakellia [Monaxonida].
——— *lamelligera*. Wilson. 28.

Phloeodictyon [Monaxonida].
——— *aereum*. Topsent. 24.
——— *coriaceum*. Topsent. 24.
——— *reticulatum*. Topsent. 24.

Phlyctaenopora n. gen. [Monaxonida]. Topsent. 24.
——— *bitorquis*. Topsent. 24.

Pilochrota [Tetractinellida].
——— *inermis*. Topsent. 24.
——— *ventricosa*. Topsent. 24.

Placinastrella [Carnosa].
——— *oxeata*. Topsent. 24.

Platylistrum n. gen. [Hexactinellida]. Schulze. 21.
——— *platessa*. Schulze. 21.

Plocamiopsis n. gen. [Monaxonida]. Topsent. 24.
——— *signata*. Topsent. 24.

Poecillastra [Tetractinellida].
——— *cribraria*. Wilson. 28.
——— *tricornis*. Wilson. 28.

Polymastia [Monaxonida].
——— *maeandria*. Wilson. 28.

Porosphaera [Calcarea].
——— *arrecta*. Hinde. 11.
——— *patelliformis*. Hinde. 11.

Ramella n. gen. [Hexactinellida]. Schulze. 21.
——— *tubulosa*. Schulze. 21.

Regadrella [Hexactinellida].
——— *delicata*. Wilson. 28.

Reniera [Monaxonida].
——— *foraminosa*. Topsent. 24.
——— *spongiosa*. Topsent. 24.
——— *utriculus*. Topsent. 24.

Rhabdocalyptus [Hexactinellida].
——— *baculifer*. Schulze. 21.
——— *unguiculatus*. Ijima. 13.

Rhabdoploca n. gen. [Monaxonida]. Topsent. 24.

Rhizaxinella [Monaxonida].
——— *biseta*. Topsent. 24.
——— *uniseta*. Topsent. 24.

Sarostegia n. gen. [Hexactinellida]. Topsent. 25.
——— *oculata*. Topsent. 25.

Sclerothamnopsis n. gen. [Hexactinellida]. Wilson. 28.
——— *compressa*. Wilson. 28.

Sphenodictya n. gen. [Hexactinellida]. Herzer. 9.
——— *cornigera* †. Herzer. 9.

Staurocalyptus [Hexactinellida].
——— *affinis*. Ijima. 13.
——— *entacanthus*. Ijima. 13.
——— *tubulosus*. Ijima. 13.

Stelodoryx n. gen. [Monaxonida]. Topsent. 24.
——— *procera*. Topsent. 24.

Stylostichon [Monaxonida].
——— *repens*. Topsent. 24.

Suberites [Monaxonida].
——— *gibbosiceps*. Topsent. 24.
——— *laticeps*. Topsent. 24.

Tetilla [Tetractinellida].
——— *longipilis*. Topsent. 24.

Thenea [Tetractinellida].
——— *echinata*. Wilson. 28.
——— *lamelliformis*. Wilson. 28.
——— *pyriformis*. Wilson. 28.

Thrombus [Carnosa].
——— *abyssi* var. *niger* n. var. Topsent. 24.

Trachyforcepia n. gen. [Monaxonida]. Topsent. 24.

Tylodesma [Monaxonida].
——— *alba*. Wilson. 28.
——— *vestibularis*. Wilson. 28.

Yvesia [Monaxonida].
——— *carnosa*. Topsent. 24.

0803-0831 CŒLENTERATA (OR CNIDARIA).

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent Subject entries and in the list of new genera and species in place of the full reference. The reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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0803 COMPREHENSIVE AND GENERAL WORKS.

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Clytia nn. spp. California. **Torrey**, H. B. Berkeley, Univ. Cal., Pub. Zool., **2**, 1904, (16–19).

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Gonionema depressum n. sp. **Goto**, S. Parker, G. H., *ed.* Mark Anniversary Volume, New York, 1903, (12).

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Halicornaria nn. spp. Japan. **Jäderholm**, E. Ark. Zool., Stockholm, **1**, 1904, (301–304, with pl.).

Hippocrene aurea n. sp. Barents-Meere. **Linko**, A. Zool. Anz, Leipzig, **28**, 1904, (210–220).

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Hydra, environmental effects. **Mast**, S. O. Amer. J. Physiol., Boston, Mass., **10**, 1903, (165–190, with text fig.); *H. viridis*, Keimfleck und Synapsis. **Guenther**, K. Zool. Jahrb., Jena, Suppl. **7**, 1904, (139–161, mit 1 Taf.); *H. viridis*, further studies on regeneration, **King**, H. D. Arch. EntwMech., Leipzig. **16**, 1903, (200–242, mit 3 Taf.); [reprint], Bryn Mawr, Pa., Bryn Mawr Coll. Monogr., Reprint Ser., **1**, No. 3, 1904, ([200]–242, with 3 pls.).

Hydractinia californica n. sp. California. **Torrey**, H. B. Berkeley, Univ. Cal., Pub. Zool., **2**, 1904, (9); *H. multispinosa*† n. sp. Maryland. **Ulrich**, E. O. Maryland Geol. Surv., Miocene, Baltimore, 1904, (433–438, with pl.).

Lampra socia n. sp. Norway. **Swenander**, G. Trondhjem, klg. Vid. Selsk. Skr., No. **6**, (1903), 1904, (6).

Liriope nn. spp. Maldive islands. **Bigelow**, H. B. Cambridge, Mass., Bull. Mus. Comp. Zool., Harvard Coll., **39**, 1904, (11 + [245]–269, with 9 pls.).

Lytocarpus gracilicaulis n. sp. Japan. **Jäderholm**, E. Ark. Zool., Stockholm, **1**, 1904, (299–300, with pl.).

Milleaster† n. gen., *M. incrustans*†, *M. subramosus*† nn. spp. Maryland. **Ulrich**, E. O. Maryland, Geol. Surv., Miocene, Baltimore, 1904, (436–437).

Obelia corona n. sp. California. **Torrey**, H. B. Berkeley, Univ. Cal., Pub. Zool., **2**, 1904, (14).

Oceania nn. spp. Maldive islands. **Bigelow**, H. B. Cambridge, Mass., Bull. Mus. Comp. Zool., Harvard Coll., **39**, 1904, (11 + [245]–269, with 9 pls.).

Olindias. **Goto**, S. Parker, G. H., *ed.* Mark Anniversary Volume, New York, 1903, ([1]–22, with 3 pls.); *O. singularis* n. sp. **Browne**, E. T. Fauna Mald. Laccad. Arch., **2**, 1904, (737, pl. LVI).

Olindioides n. gen., *O. formosa* n. sp. **Goto**, S. Parker, G. H., *ed.* Mark Anniversary Volume, New York, 1903, (3).

Pachycordyle weismanni n. sp. **Hargitt**, C. Mitt. zool. Stat. Neapel, Berlin, **16**, 1904, (553–585, mit 2 Taf.).

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Pennaria carolinii, Regulationserscheinungen. **Gast**, R. und **Godlewski**, E. *jun.* Arch. EntwMech., Leipzig, **16**, 1903, (76–116, mit 2 Taf.); *P. tiarella*, early development. **Hargitt**, C. *l.c.* **16**, 1904, (453–488, mit 5 Taf.).

Perigonimus napolitanus n. sp. (?) **Hargitt**, C. Mitt. zool. Stat. Neapel, Berlin, **16**, 1904, (553–585, mit 2 Taf.).

Phialidium tenue n. sp. **Browne**, E. T. Fauna Mald. Laccad. Arch., **2**, 1904, (730, pl. LIV).

Porpita in the Indian Seas. **Annandale**, N. Nature, London, **70**, 1904, (531).

Proboscidactyla nn. spp. **Browne**, E. T. Fauna Mald. Laccad. Arch., **2**, 1904, (727–729, pl. LIV).

Pseudoclytia gardineri n. sp. **Browne**, E. T. *l.c.* (731, pl. LV).

Sarsia nn. spp. Barents-Meere. **Linko**, A. Zool. Anz., Leipzig, **28**, 1904, (210–220).

Sertularella pedrensis n. sp. California. **Torrey**, H. B. Berkeley, Univ. Cal., Pub. Zool., **2**, 1904, (27); *S. plana* n. sp. Patagonien. **Jäderholm**, E. Ark. Zool., Stockholm, **1**, 1904, (279–280, with pl.).

Sertularia curta n. sp. Indischer Ocean. **Jäderholm** E. *l.c.* (285–286, with pl.).

Stylactis affinis n. sp. Patagonien. **Jäderholm**, E. Ark. Zool., Stockholm, **1**, 1904, (264–265); *S. arctica* n. sp. Zwischen Grönland u. Jan Mayen. **Jäderholm**, E. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 12, 1903, (5–7, with pl.).

Stylaster divergens n. sp. **Marenseller**, E. von. Cambridge, Mass., Bull. Mus. Comp. Zool., Harvard Coll., **43**, 1904, (75–87, with 3 pls.).

Synthecium protectum n. sp. Patagonien. **Jäderholm**, E. Ark. Zool., Stockholm, **1**, 1904, (290–291, with pl.).

Thuiaria heteroclada n. sp. Ost-Asien. **Jäderholm**, E. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 13, 1902, (5–6, with pl.).

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Tubularia, some factors in the regeneration. **Morgan**, T. H. Arch. EntwMech., Leipzig, **16**, 1903, (125–154); *T. crocea*, regeneration. **King**, H. D. Wood's Holl, Mass., Mar. Biol. Lab. Bull., **6**, 1904, (287–306, with text fig.); *T. mesembryanthemum*, Regulationsvorgänge. **Godlewski**, E., *jun.* Arch. EntwMech., Leipzig, **18**, 1904, (111–160, mit 2 Taf.).

Velella spiralis on the Cork Coast. **Martin**, H. A. Irish Nat., Dublin, **13**, 1904, (27); *V. spirans*, Entwicklung. **Woltereck**, R. Zool. Jahrb., Jena, Suppl. **7**, 1904, (347–372, mit 3 Taf.).

Zygophylax opereulata n. sp. Patagonien. **Jäderholm**, E. Ark. Zool., Stockholm, **1**, 1904, (276–278, with pl.).

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Aurelia maldivensis n. sp. Maldive islands. **Bigelow**, H. B. Cambridge, Mass., Bull. Mus. Comp. Zool., Harvard Coll., **39**, 1904, (1 l. + [245]–269, with 9 pls.).

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Kükenthal, W. Ueber einige Korallentiere des Roten Meeres. Jena, Denkschr. med. Ges., **11**, 1904, (31–58, mit 2 Taf.).

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Alcyonium digitatum, assimilation and nutriment. **Pratt**, E. M. London, Rep. Brit. Ass., **1903**, (688–689); *A. purpureum*, n. sp. Cape Good Hope. **Hickson**, S. J. Cape Town, Marin. Invest., **3**, 1904, (215, pl. VII, fig. 1; pl. IX, fig. 18).

Anthomastus grandiflorus Verrill. **Hickson**, S. J. *l.c.* (217, pl. VII, fig. 2).

Anthoptilum grandiflorum Köll. Cape Good Hope. **Hickson**, S. J. *l.c.* (pl. VIII, fig. 14).

Ceratoisis ramosa n. sp. Cape Good Hope. **Hickson**, S. J. *l.c.* (224, pl. VII, figs. 3 and 4; pl. VIII, fig. 12).

Corallium Japanese spp., *C. pusillum* n. sp. (Japanese) **Kishinouye**, Kamakichi. Suisan Ch. Ho., Tokyo, **14**, Pt. 1, 1904, (1–31, with 9 pls.).

Eugorgia gilchristi n. sp. Cape Good Hope. **Hickson**, S. J. Cape Town Marin. Invest., **3**, 1904, (230, pl. IX, figs. 15, 19).

Juncella spiralis n. sp. Cape Good Hope. **Hickson**, S. J. *l.c.* (231, pl. VIII, figs. 6, 9).

Malacogorgia n. gen. (*Malacogorgiidae* n. fam.) *M. capensis* n. sp. Cape of Good Hope. **Hickson**, S. J. *l.c.* (226, pl. VII, fig. 5; pl. VIII, figs. 10 and 11).

Nephthya, systematisches. *N. jaegerskioeldi* n. sp Rothes Meer. **Holm**, O. [*In*: Jägerskiöld, L A, Res. exped. Egypt, . . . Uppsala, 1904, Pt. 1, (18, with pl.).

Pennatula prolifera n. sp. **Jungersen**, H. F. E. Danish Ingolf-Expedition, Kjöbenhavn, **5**, No. 1, 1904, (18).

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Renilla, regeneration. **Torrey**, H. B. Wood's Holl, Mass., Mar. Biol. Lab., Bull., **2**, 1901, (355–356).

Spongodes nn. spp. **Kükenthal**, W. Jena, Denkschr. med. Ges., **11**, 1901, (31–58, mit 2 Taf.); S., Systematisches. **Holm**, O. *In*: Jägerskiold, L. A. Res. exped. Egypt, Uppsala, 1904, Pt. 1, (18, with pl.).

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Actinostola chilensis n. sp. **McMurrich,** J. P. Zool. Jahrb., Jena, Suppl., **6**, 1904, (247).

Alveopora cretacea† n. sp. Portugal. **Felix,** J. Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (45–55, mit 1 Taf.); Lisboa, Com. Trab. geol., **5**, 1904, (380–381); *A. gracilis*† n. sp. **Törnquist,** A. Frankfurt a. M., Abh. Senckenb. Ges., **27**, 1904, (321–338, mit 1 Taf.).

Anisopsammia n. gen. = *Amphipelia rostrata* Porvat. **Marenzeller,** E. von. Wissensch. Ergebnisse d. D. Tiefsee-Expedition, Jena, **7**, Lfg. 3, 1904, (261–318).

Antholoba reticulata Couth. *v. Hepatus chilensis* M. E.

Antillia constricta Brug var. *maldivensis* n. var. **Gardiner,** J. S. Fauna Mald. Laccad. Arch., **2**, 1904, (758, pl. LIX).

Antipathes nn. spp. **Forster-Cooper,** C. *l.c.* (794–795, pl. LXV): *A. viminalis* n. sp. **Roule,** L. Paris, Mem. soc. zool., **15**, 1902, (233).

Aphanipathes plantagenista n. sp. **Forster-Cooper,** C. Fauna Mald. Laccad. Arch., **2**, 1904, (796, pl. LXV).

Aphyllostylus n. gen.†, *A. gracilis*† n. sp. Manitoba, Silurian. **Whiteaves,** J. F. Ottawa Nat., **18**, 1904, (113–114).

Astrangia (*Coenangia*) *conradi* n. sp. Maryland. **Vaughan,** T. W. Anthozoa. Maryland Geol. Surv., Miocene, Baltimore, 1904, (442).

Astrocoenia pygmaea† n. sp. Portugal. **Felix,** J. Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (45–55); Lisboa, Com. Trab. geol., **5**, 1904, (385).

Aulocyathus n. gen., *A. juvenescens* n. sp. **Marenzeller,** E. von. Wissensch. Ergebnisse d. D. Tiefsee-Expedition, Jena, **7**, Lfg. 3, 1904, (300–301).

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Caninia cylindrica var. *bristoliensis*†. **Vaughan,** A. Bristol, Proc. Nat. Soc., **10,** 1904, (103, pl. I, fig. 4).

Caryophyllia nn. spp.? Cape Good Hope. **Gardiner,** J. S. Cape Town, Marin. Invest., **3,** 1904, (113–114, pl. 1, figs. 3 and 4); *C. antarctica* n. sp. **Marenzeller,** E. von. Wissensch. Ergebnisse d. D. Tiefsee-Expedition, Jena, **7,** Lfg. 3, 1904, (293); *C. diomedeae* n. sp. **Marenzeller,** E. von. Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., **43,** 1904, (179).

Ceratotrochus delicatus n. sp. **Marenzeller,** E. von. Wissensch. Ergebnisse d. D. Tiefsee-Expedition, Jena, **7,** Lfg. 3, 1904, (302); *C. johnsoni* Duncan. Natal. **Gardiner,** J. S. Cape Town, Marin. Invest., **3,** 1904, (118, pl. 1, figs. 5 a-c.; pl. II. fig. M).

Cerianthus borealis. **Kingsley,** J. S. Tufts College, Mass., Tufts Coll. Stud., **1,** 1904, ([345]–361, with text fig.); *C. danielsseni* n. sp. **Roule,** L. Paris, C.-R. Acad. sci., **138,** 1904, (708–710).

(*Chaetetes*?) *bristoliensis*† n. sp. Bristol Carboniferous. **Vaughan,** A. Bristol, Proc. Nat. Soc., **10,** 1904, (96, pl. I, fig. 2).

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Choriactis n. gen., *C. crassa* n. sp. **McMurrich,** J. P. *l.c.* (274).

Cirripathes gardineri n. sp. **Forster-Cooper,** C. Fauna Mald. Laccad. Arch., **2,** 1904, (793–794, pl. LXV).

Cladopora multiseriata† n. sp. New Jersey. Devonian. **Weller,** S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3,** 1903, (271, pl. XXVI, figs. 2 and 3).

Cleistopora (*Michelinia*) *geometrica*†. Bristol. **Vaughan,** A. Bristol, Proc. Nat. Soc., **10,** 1904, (99, pl. I, fig. 3).

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Coeloria nn. spp. **Gardiner,** J. S. Fauna Mald. Laccad. Arch., **2,** 1904, (762-763, pl. LX).

Cribrina nn. spp. **McMurrich,** J. P. Zool. Jahrb., Jena, Suppl., **6,** 1904, (284, 289).

Cyathophyllum aff. *murchisoni*†. **Vaughan,** A. Bristol, Proc. Nat. Soc., **10,** 1904, (116, pl. I, fig. 5).

Cyclolites choffati†. n. sp. Portugal. **Felix,** J. Berlin, Zs. D. geol. Ges., **55,** 1903, Aufsätze, (45–55, mit 1 Taf.); Lisboa, Com. Trab. geol., **5,** 1904, (378–380, pl. III).

Cyphastraea nn. spp. **Gardiner,** J. S. Fauna Mald. Laccad. Arch., **2,** 1904, (780); *C. intermedia*† n. sp. Aegypten. **Felix,** J. Berlin, Zs. D. geol. Ges., **56,** 1904, Aufsätze, (198).

Dendracis meridionalis† n. sp. **Törnquist,** A. Frankfurt a. M., Abh. Senckenb. Ges., **27,** 1904, (321–338, mit 1 Taf.).

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Diploctenium affine† n. sp. Portugal. **Felix,** J. Berlin, Zs. D. geol. Ges., **55,** 1903, Aufsätze, (45 55); Lisboa, Com. Trab. geol., 5, 1904, (386–387).

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Echinopora nn. spp. **Gardiner,** J. S. Fauna Mald. Laccad. Arch., **2,** 1904, (782, pls. LX, LXIII).

Endocoelactis carlgreni=*Halcurias carlgreni.* **McMurrich,** J. P. Wood's Holl, Mass., Mar. Biol. Lab. Bull., **2,** 1901, (155–163, with text fig.).

Faria nn. spp. **Gardiner,** J. S. Fauna Mald. Laccad. Arch., **2,** 1904, (766–772, pls. LXI, LXII); *F. minor*† n. f. Aegypten. **Felix,** J. Berlin, Zs. D. geol. Ges., **56,** 1904, Aufsätze, (199).

Favosites corrugatus† n. sp. New Jersey. Silurian. **Weller,** S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3,** 1903, (220, pl. XVII, figs. 1 and 2).

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1904, (269–277); *F. bellunense* n sp, **Oppenheim,** P. Berlin, D. geol. Ges., **55,** 1903, Aufsätze, (98–235, mit 4 Taf.).

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Metridium parvulum n. sp. **McMurrich,** J. P. Zool. Jahrb., Jena, Suppl., **6,** 1904, (276).

Orbicella† nn. spp. Aegypten. **Felix,** J. Berlin, Zs. D. geol. Ges., **56,** 1904, Aufsätze, (171, 195); *O.* nn. spp. **Gardiner,** J. S. Fauna Mald. Laccad. Arch., **2,** 1904, (774–776, pl. LXIII).

Paractis nn. spp. **McMurrich,** J. P. Zool. Jahrb., Jena, Suppl., **6,** 1904, (242–243).

Parantheopsis n. gen., ~ *Antheopsis* Simon. **McMurrich,** J. P. *l.c.* (232).

Parazoanthus elongatus n. sp. **McMurrich,** J. P. *l.c.* (298).

Phyllocoenia transiens† n. sp. Portugal. **Felix,** J. Berlin, Zs. D. geol. Ges., **55,** 1903, Aufsätze, (45–55); Lisboa, Com. Trab. geol., **5,** 1904, (384–385).

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CTENOPHORA.

General.

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LIST OF NEW GENERA AND SPECIES.

Actinostola [Zoantharia].
——— *chilensis*. McMurrich 93.

Actinostroma [Hydromedusae].
——— *trentonensis*†. Weller. 138.

Aequoria [Hydromedusae].
——— *maldivensis*. Browne. 9A.

Aglaophenia [Hydromedusae].
——— *antarctica*. Jäderholm. 70.
——— *heterodonta*. Jäderholm. 70.

Aglaura [Hydromedusae].
——— *octagona*. Bigelow. 6.

Alcyonium [Alcyonaria].
——— *purpureum*. Hickson. 60.

Alveopora [Zoantharia].
——— *cretacea*†. Felix. 30, 32.
——— *gracilis*†. Törnquist. 128.

Amphicodon [Hydromedusae].
——— *gravidum*. Linko. 86.

Amphogona [Hydromedusae]. Browne. 9A.

Anisopsammia n. gen. [Zoantharia]. Marenzeller. 95.

Anthograptus† n. gen. [Graptolites]. Törnquist. 129.
——— *nidus*†. Törnquist. 129.

ANTILLIA [Zoantharia].
——— *constricta* var. *maldivensis* n. var. Gardiner. 39.

ANTIPATHES [Zoantharia].
——— *chota*. Forster-Cooper. 33A.
——— *nilanduensis*. Forster-Cooper. 33A.
——— *regularis*. Forster-Cooper. 33A.
——— *rubra*. Forster-Cooper. 33A.
——— *viminalis*. Roule. 117.

APHANIPATHES [Zoantharia].
——— *plantageuista*. Forster-Cooper. 33A.

Aphyllostylus n. gen.† [Zoantharia]. Whiteaves. 139.
——— *gracilis*†. Whiteaves. 139.

ASTRANGIA [Zoantharia].
——— *conradi*. Vaughan. 136.

ASTROCOENIA [Zoantharia].
——— *pygmaea*†. Felix. 30, 32.

Aulocyathus n. gen. [Zoantharia]. Marenzeller. 95.
——— *juvenescens*. Marenzeller. 95.

AURELIA [Scyphomedusae].
——— *maldivensis*. Bigelow. 6.

BOLINA [Ctenophora].
——— *ovalis*. Bigelow. 6.

Boloceropsis n. gen. [Zoantharia]. McMurrich. 93.
——— *platei*. McMurrich. 93.

BOUGAINVILLIA [Hydromedusae].
——— *glorietta*. Torrey. 131.

BRYOGRAPTUS [Graptolites].
——— *lapworthi*†. Ruedemann. 120.
——— *pusillus*†. Ruedemann. 120.
——— *simplex*†. Törnquist. 129.

CAMPANULARIA [Hydromedusae].
——— *hesperia*. Torrey. 131.
——— *lennoxensis*. Jäderholm. 70.

CARYOPHYLLIA [Zoantharia].
——— *antarctica*. Marenzeller. 95.
——— *capensis*. Gardiner. 36.
——— *diomedeae*. Marenzeller. 97.
——— *epithecata*. Gardiner. 36.

CERATOISIS [Alcyonaria].
——— *ramosa*. Hickson. 60.

CERATOTROCHUS [Zoantharia].
——— *delicatus*. Marenzeller. 95.

CERIANTHUS [Zoantharia].
——— *danielsseni*. Roule. 115.

CESTUS [Ctenophora].
——— *pectenalis*. Bigelow. 6.

(CHAETETES ?) [Zoantharia].
——— *bristoliensis*. Vaughan. 135.

CHITONANTHUS [Zoantharia].
——— *castaneus*. McMurrich. 93.

Choriactis n. gen. [Zoantharia]. McMurrich. 93.
——— *crassa*. McMurrich. 93.

CIRRIPATHES [Zoantharia].
——— *gardineri*. Forster-Cooper. 33A.

CLADOPORA [Zoantharia].
——— *multiseriata*†. Weller. 138.

CLIMACOGRAPTUS [Graptolites].
——— *pungens*†. Ruedemann. 120.

CLONOGRAPTUS [Graptolites].
——— *subtilis*†. Törnquist. 129.

CLYTIA [Hydromedusae].
——— *bakeri*. Torrey. 131.
——— *hendersoni*. Torrey. 131.
——— *universitatis*. Torrey. 131.

COELORIA [Zoantharia].
——— *cooperi*. Gardiner. 39.
——— *magna*. Gardiner. 39.

CORALLIUM [Alcyonaria].
——— *pusillum*. Kishinouye. 80.

CRIBRINA [Zoantharia].
——— *conica*. McMurrich. 93.
——— *elongata*. McMurrich. 93.

CRYPTOZOON [Incertae sedis].
——— *perkinsi*. Seely. 124.

CYCLOLITES [Zoantharia].
——— *choffati*†. Felix. 30, 32.

CYPHASTRAEA [Zoantharia].
——— *intermedia*†. Felix. 31.
——— *maldivensis*. Gardiner. 39.
——— *suvadivae*. Gardiner. 39.

DENDRACIS [Zoantharia].
——— *meridionalis*†. Törnquist. 128.

DENDROGRAPTUS [Graptolites].
——— *fluitans*†. Ruedemann. 120.
——— *maximus*†. Wiman. 140.
——— *succulentus*†. Ruedemann. 120.

Desmograptus [Graptolites].
——— *formosus*†. Wiman. 140.
——— *intricatus*†. Ruedemann. 120.

Desmophyllum [Zoantharia].
——— *capense*. Gardiner. 36.

Dicellograptus [Graptolites].
——— *angulatus*. Elles and Wood. 28.
——— *complanatus*, var. *ornatus*† n. var. Elles and Wood. 28.
——— *divaricatus* var *salopiensis*† n. var. Elles and Wood. 28.
——— *sextans* var. *exilis*† n. var. Elles and Wood. 28.

Dichograptus [Graptolites].
——— *regularis*†. Törnquist. 129.

Dicranograptus [Graptolites].
——— *brevicaulis*†. Elles and Wood. 28.
——— *celticus*†. Elles and Wood. 28.
——— *cyathiformis*†. Elles and Wood. 28.

Dictyonema [Graptolites].
——— *furciferum*†. Ruedemann. 120.
——— *rectilineatum*†. Ruedemann. 120.

Didymograptus [Graptolites].
——— *caduceus: nanus*† n. mut. Ruedemann. 120.
——— *cuspidatus*†. Ruedemann. 120.
——— *ellesi*†. Ruedemann. 120.
——— *forcipiformis*†. Ruedemann. 120.
——— *incertus*†. Ruedemann. 120.
——— *spinosus*†. Ruedemann. 120.
——— *törnquisti*†. Ruedemann, 120.

Diplocheilus [Hydromedusae].
——— *allmani*. Torrey. 131.

Diplocteniun [Zoantharia].
——— *affine*†. Felix. 30, 32.

Diplograptus [Graptolites].
——— *laxus*†. Ruedemann. 120.
——— *longicaudatus*†. Ruedemann. 120.

Discograptus† n. gen. [Graptolites]. Wiman. 140.
——— *schmidti*†. Wiman. 140.

Duncania [Zoantharia].
——— *capensis*. Gardiner. 36.

Echinopora [Zoantharia].
——— *tertia*. Gardiner. 39.
——— *magna*. Gardiner. 39.

Eirene [Hydromedusae].
——— *danduensis*. Bigelow. 6.

Errina [Hydromedusae].
——— *macrogastra*. Marenzeller. 97.

Eugorgia [Alcyonaria].
——— *gilchristi*. Hickson. 60.

Euphysa [Hydromedusae].
——— *tentaculata*. Linko. 86.
——— *tetrabrachia*. Bigelow. 6.

Euplokamis [Ctenophora].
——— *californensis*.. Torrey. 132.

Eutimeta [Hydromedusae].
——— *lactea*. Bigelow. 6.

Favia [Zoantharia].
——— *adduensis*. Gardiner. 39.
——— *hululensis*. Gardiner. 39.
——— *laccadivica*. Gardiner. 39.
——— *minor* n. f. Felix. 31.
——— *parvimurata*. Gardiner. 39.

Favosites [Zoantharia].
——— *corrugatus*†. Weller. 138.

Flabellum [Zoantharia].
——— *bellunense*. Oppenheim. 109.
——— *chunii*. Marenzeller. 95.
——— *deludens*. Marenzeller. 95.
——— *inconstans*. Marenzeller. 95.
——— *magnificum*. Marenzeller. 95.
——— *stabile*. Marenzeller. 95.

Galeograptus† n. gen. [Graptolites]. Wiman.
——— *wennersteni*†. Wiman. 140.

Glossograptus [Graptolites].
——— *echinatus*†. Ruedemann. 120.
——— *hystrix*†. Ruedemann. 120.

Goniograptus [Graptolites].
——— *geometricus*†. Ruedemann. 120.
——— *perflexilis*†. Ruedemann. 120.

Gonionema [Hydromedusae].
——— *depressum*. Goto. 46.

Gonionemus [Hydromedusae].
——— *pelagicus*. Bigelow. 6.

GYROSTOMA [Zoantharia]
——— *incertum*. McMurrich. 93.
——— *selkirkii*. McMurrich. 93.

HALCURIAS [Zoantharia].
——— *carlgreni*. McMurrich. 92.

HALLIANTHUS [Zoantharia].
——— *chilensis*. McMurrich. 93.

HALICORNARIA [Hydromedusae].
——— *vegae*. Jäderholm. 70.
——— *expansa*. Jäderholm. 70.

HIPPOCRENE [Hydromedusae].
——— *aurea*. Linko. 86.

HORMATHIA [Zoantharia].
——— *exlex*. McMurrich. 93.

HYDNOPORA [Zoantharia].
——— *grandis*. Gardiner. 39.
——— *maldivensis*. Gardiner. 39.

HYDRACTINIA [Hydromedusae].
——— *californica*. Torrey. 131.
——— *multispinosa*†. Ulrich. 134.

HYDROCTENA [Ctenophora].
——— *salenskii*. Dawydoff. 17.

INOCAULIS [Graptolites].
——— *musciformis*†. Wiman. 140.

JUNCELLA [Alcyonaria].
——— *spiralis*. Hickson. 60.

LAMPRA [Hydromedusae].
——— *socia*. Swenander. 126.

LEIOPATHES [Zoantharia].
——— *grimaldii*. Roule. 117.

LIRIOPE [Hydromedusae].
——— *hemisphericus*. Bigelow. 6.
——— *indica*. Bigelow. 6.

LYTOCARPUS [Hydromedusae].
——— *gracilicaulis*. Jäderholm. 70.

Malacogorgia n. gen. [Alcyonaria]. Hickson. 60.
——— *capensis*. Hickson. 60.

MENOPHYLLUM [Zoantharia].
——— *ulrichanum*†. Girty. 42.

METRIDIUM [Zoantharia].
——— *parvulum*. McMurrich. 93.

Milleastor† n. gen. [Hydromedusae]. Ulrich. 134.
——— *incrustans*†. Ulrich. 134.
——— *subramosus*†. Ulrich. 134.

NEPHTHYA [Alcyonaria].
——— *jaegerskioeldi*. Holm. 63.

OBELIA [Hydromedusae].
——— *corona*. Torrey. 131.

OCEANIA [Hydromedusae].
——— *brunescens*. Bigelow. 6.
——— *virens*. Bigelow. 6.

OCYROE [Ctenophora].
——— *pteroessa*. Bigelow. 6.

OLINDIAS [Hydromedusae].
——— *singularis*. Browne. 9A.

Olindioides n. gen [Hydromedusae]. Goto. 46.
——— *formosa*. Goto. 46.

ORBICELLA [Zoantharia].
——— *borradailei*. Gardiner. 39.
——— *humphreysi*†. Felix. 31.
——— *lyonsi*†. Felix. 31.
——— *nimikoiensis*. Gardiner. 39.

PACHYCORDYLE [Hydromedusae].
——— *weismanni*. Hargitt. 52.

PARACTIS [Zoantharia].
——— *ignota*. McMurrich. 93.
——— *tenuicollis*. McMurrich. 93.

Parantheopsis n. gen. [Zoantharia]. McMurrich. 93.

PARAZOANTHUS [Zoantharia].
——— *elongatus*. McMurrich. 93.

PEGANTHA [Hydromedusae].
——— *simplex*. Bigelow. 6.

PENNATULA [Alcyonaria].
——— *prolifera*. Jungersen. 73.

PERIGONIMUS [Hydromedusae].
——— *napolitanus*. (?). Hargitt. 52.

PHIALIDIUM [Hydromedusae].
——— *tenue*. Browne. 9A.

PHYLLOCOENIA [Zoantharia].
——— *transiens*†. Felix. 30, 32.

PRIONASTRAEA [Zoantharia].
——— *suvadivae*. Gardiner. 39.

PROBOSCIDACTYLA [Hydromedusae].
——— *tropica*. Browne. 9A.
——— *varians*. Browne. 9A.

PROTOPTILUM [Alcyonaria].
——— *denticulatum*. Jungersen. 73.

PSEUDOCLYTIA [Hydromedusae].
——— *gardineri*. Browne. 9A.

PTILOGRAPTUS [Graptolites].
——— *tenuissimus*†. Ruedemann. 120.

Reticulograptus† n. gen. [Graptolites]. Wiman. 140.

ROMINGERIA [Zoantharia].
——— *trentonensis*†. Weller. 138.

SAGARTIA [Zoantharia].
——— *herpetodes*. McMurrich. 93.

SARSIA [Hydromedusae].
——— *barentsii*. Linko. 86.
——— *flammea*. Hartlaub. 86.

SCHIZOGRAPTUS [Graptolites].
——— *ambiguus*†. Törnquist. 129.
——— *rotans*†. Törnquist. 129.

SERTULARELLA [Hydromedusae].
——— *pedrensis*. Torrey. 131.
——— *plana*. Jäderholm. 70.

SERTULARIA [Hydromedusae].
——— *curta*. Jäderholm. 70.

Sigmagraptus† n. gen. [Graptolites]. Ruedemann. 120.
——— *praecursor*†. Ruedemann. 120.

SOLENASTRAEA [Zoantharia].
——— *anomala*†. Felix. 31.

SPHENOTROCHUS [Zoantharia].
——— *aurantiacus*. Marenzeller. 95.
——— *gilchristi*. Gardiner. 36.

SPONGODES [Alcyonaria].
——— *ehrenbergi*. Kükenthal. 83.
——— *hartmeyeri*. Kükenthal. 83.
——— *mayi*. Kükenthal. 83.

STAUROGRAPTUS [Graptolites].
——— *dichotomus* var. *apertus*† n. var. Ruedemann. 120.

STEPHANOCOENIA [Zoantharia].
——— *maldivensis*. Gardiner. 39.

STEPHANOTROCHUS [Zoantharia].
——— *campaniformis*. Marenzeller. 95.
——— *explanans*. Marenzeller. 95.

STICHOPATHES [Zoantharia].
——— *abyssicola*. Roule. 117.
——— *dissimilis*. Roule. 117.
——— *flagellum*. Roule. 117.
——— *maldivensis*. Forster-Cooper. 33A.
——— *richardi*. Roule. 117.

STROMATOCERIUM [Incertae Sedis].
——— *eatoni*. Seely. 124.
——— *lamottense*. Seely. 124.
——— ——— var. *chazianum* n. var. Seely. 124.
——— *monilifernum*. Seely. 124.

Strophograptus n. gen. [Graptolites]. Ruedemann. 120.
——— *trichomanes*†. Ruedemann. 120.

STYLACTIS [Hydromedusae].
——— *affinis*. Jäderholm. 70.
——— *arctica*. Jäderholm. 68.

STYLASTER [Hydromedusae].
——— *divergens*. Marenzeller. 97.

SYNTHECIUM [Hydromedusae].
——— *protectum*. Jäderholm. 70.

TEMNOGRAPTUS [Graptolites].
——— *noveboracensis*†. Ruedemann. 120.

TETRAGRAPTUS [Graptolites].
——— *clarkei*†. Ruedemann. 120.
——— *lentus*†. Ruedemann. 120.
——— *pygmaeus*†. Ruedemann. 120.
——— *vestrogothus*†. Törnquist. 129.
——— *woodi*†. Ruedemann. 120.

THUIARIA [Hydromedusae].
——— *heteroclada*. Jäderholm. 69.

Timoides n. gen. [Hydromedusae]. Bigelow. 6.
——— *agassizii*. Bigelow. 6.

TRACHYPORA [Zoantharia].
——— *oriskania*†. Weller. 138.

Trichogorgia n. gen. [Alcyonaria]. Hickson. 60.
——— *flexilis*. Hickson. 60.

Tristylotus n. gen. [Hydromedusae]. Parks. 111.
——— *hexagonus*. Parks. 111.
——— *rhomboideus*. Parks. 111.

TYLOPATHES [Zoantharia].
——— *atlantica*. Roule. 117.
——— *grayi*. Roule. 117.
——— ? *hirta*. Roule. 117.

VIRGULARIA [Alcyonaria].
——— *cladiscus* n. nom. Jungersen. 73.

ZYGOPHYLAX [Hydromedusae].
——— *operculata*. Jäderholm. 70.

1003-1031 ECHINODERMATA.

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Poteriocrinus crassus. **Peach**, B. N. Edinburgh, Trans. R. Soc., **40**, 1904, (842, 849, 850); *P. fusiformis*†. **Hind**, W. London, Rep. Brit. Ass., **1903**, (192).

Tripleurocrinus† n. gen., *T. levis*† n. sp. **Wood**, E. Washington, D.C., Smithsonian Inst. Misc. Collect. Q., **47**, 1904, (56–84, with pl.).

Tylocrinus† n. gen., *T. novus*† n. sp. **Wood**, E. *l.c.* (56–84, with pl.).

Uintacrinus† sp. **Dibley**, G. E. Geol. Mag., London, (N. Ser.), [5], **1**, 1904, (525–526); **Hinde**, G. J. *l.c.* (482–487); **Wright**, W. *l.c.* (622); **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (293); *U.*, structure, relations. **Springer**, F. Cambridge, Mass., Mem. Mus. Comp. Zool. Harvard Coll., **25**, No. 1, 1901, (1 l. + 89 + 8 l., with 8 pls.); *U.* sp. British Columbia. **Whiteaves**, J. F. Amer. J. Sci., New Haven, Conn., (Ser. 4), **18**, 1904, (287-289); *U. socialis* Kansas. **Schuchert**, C. Reprinted from Washington, D.C., Smithsonian Inst., Misc. Collect., (Q. Issue), **45**, 1904 (450, with pl.).

BLASTOIDEA.

Granatocrinus† sp. **Weysse**, A. W. Synoptic Text-book of Zoology, London, 1904, (89, fig.).

ASTEROIDEA.

General.

Meissner, M. Asteroideen. Ergebnisse der Hamburger Magalhaensischen Sammelreise. Hamburg, Lfg 7, No. 1, 1904, (28, mit 1 Taf.).

Oestergren, H. Ueber die arktischen Seesterne. Zool. Anz., Leipzig, **27**, 1904, (615-616).

Special.

Anthenea sp. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep., 10, 1904, (144).

Asterias glacialis, *A. rubens*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (208).

Asterina cepheus. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (145); *A. gibbosa*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (207).

Astropecten nn. spp. **Sluiter**, C. P. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (51–64); *A. euryacanthus*, *A. hemprichi*, *A. polyacanthus*, *A. velitaris*, *A. zebra*. **Herdman**, W. A. and **Bell**, F. J. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (143, 149–150); *A. irregularis*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (207); *A. leckenbyi*†, *A. rectus*†, *A. scarburgensis*†. **Fox-**

Strangways, C. Mem. Geol. Surv. Eng., London, (N. Ser.), **54**, **55**, 1904, (15-40).

Culcita niassensis n. sp. **Sluiter**, C. P. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (51-64); *C. schmideliana*, living appearance. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (144).

Echinaster purpureus. **Herdman**, W. A. *l.c.* (145).

Gonodiscus? sp. juv. **Herdman**, W. A. *l.c.* (144).

Henricia sanguinolenta. **Cole**, W. Stratford, Essex Nat., **13**, 1904, (301); **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (208).

Linckia pacifica var. *diplax*. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (145).

Luidia hardwickii, and young? *L. maculata*. **Herdman**, W. A. *l.c.* (143); *L. sarsi*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (207).

Metrochia subulata. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (145).

Nardoa tuberculata. **Herdman**, W. A. *l.c.* (145).

Ophidiaster cylindricus, *O. helicostichus*, juv. **Herdman**, W. A. *l.c.* (145).

Palmipes placenta. **M. B. A.** Plymouth J. Mar. Biol. Ass., **7**, 1904, (207).

Pentaceros sp. juv., *P. mammillatus*. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (144); *P. euphues* n. sp. **Sluiter**, C. P. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (51-64).

Phataria, variability and autotomy. **Monks**, S. P. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (596-600, with pl.).

Porania pulvillus. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (207).

Retaster cribrosus, *R. insignis*. **Herdman**, W. A. and **Bell**, F. J. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (145-150).

Solaster intermedius n. sp. **Sluiter**, C. P. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (51-64); *S. papposus*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (208).

Sphaeraster molassicus† n. sp. **Schütze**, E. Stuttgart, Jahreshefte Ver. Natk., **60**, 1904, (147-188).

Stellaster incei. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (143).

OPHIUROIDEA.

Amphilepis nn. spp. **Koehler**, R. Siboga Expedition. Leide, Livr. 15, Monogr. **45**, 1904, (94).

Amphiura sp. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (146); *A.* nn. spp. Siboga expedition. **Koehler**, R. Leide, Livr. 15, Monogr. **45**, 1904, (77-93); *A. chiagi*, *A. elegans*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (209).

Astroceras compar. n. sp. Siboga Expedition. **Koehler**, R. Leide, Livr. 15, Monogr. **45**, 1904, (158).

Astrocharis n. gen., *A. virgo* n. sp. Siboga Expedition. **Koehler**, R. *l.c.* (160).

Astrogomphus munitus n. sp. Siboga Expedition. **Koehler**, R. *l.c.* (157).

Astroschema [printed in error *Astrochema*] nn. spp. Siboga Expedition. **Koehler**, R. *l.c.* (161-164).

Astrotoma nn. spp. Siboga Expedition. **Koehler**, R. *l.c.* (154-155).

Ophiacantha nn. spp. Siboga Expedition. **Koehler**, R. *l.c.* (102-121).

Ophiactis nn. spp. Siboga Expedition. **Koehler**, R. *l.c.* (97-98).

Ophiarachna incrassata. **Herdman**, W. H. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (146).

Ophiobyrsella erinaceus n. sp. Siboga Expedition. **Koehler**, R. Leide, Livr. 15, Monogr. **45**, 1904, (152).

Ophiocamax rugosa n. sp. Siboga Expedition. **Koehler**, R. *l.c.* (139).

Ophioceramis declinans n. sp. Siboga Expedition. **Koehler**, R. *l.c.* (15).

Ophiochiton nn. spp. Siboga Expedition. **Koehler**, R. *l.c.* (69-71).

Ophiochrysis n. gen. *O. ornata* n. sp. Siboga Expedition. **Koehler**, R. *l.c.* (35).

Ophiocirce n. gen., *O. inutilis* n. sp. Siboga. **Koehler,** R. *l.c.* (13).

Ophiocnemis marmorata. **Herdman,** W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (146).

Ophiocnida brachiata. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7,** 1904, (209).

Ophiocoma echinata, section of ray figured. **Burne,** R. H. Catal. Mus. Roy. Coll. Surgeons, London, 2nd Edit., **2,** 1904, (2); *O. nigra.* **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7,** 1904, (209); *O. nigra,* variation and Echinodermata of the Firth of Clyde. **McIntosh,** W. C. London, Rep. Brit. Ass., **1903,** (696–697); *O. scolopendrina.* **Herdman,** W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (146).

Ophioconis grandisquama n. sp. Siboga Expedition. **Koehler,** R. Leide, Livr. 15, Monogr. **45,** 1904, (11).

Ophiocrates n. gen., *O. lenta* n. sp. Siboga Expedition. **Koehler,** R. *l.c.* (19).

Ophiocreas sibogae n. sp. Siboga Expedition. **Koehler,** R. *l.c.* (165).

Ophiodera neglecta n. sp. Siboga Expedition. **Koehler,** R. *l.c.* (153).

Ophiodoris n. gen., *O. malignus, O. errans, O. contrarius* nn. spp. Siboga Expedition. **Koehler,** R. *l.c.* (72–75).

Ophioglypha nn. spp. Siboga Expedition. **Koehler,** R. *l.c.* (38–54).

Ophioleuce n. gen., *O. seminudum* n. sp. Siboga Expedition. **Koehler,** R. *l.c.* (32–33).

Ophiolypus levis n. sp. Siboga Expedition. **Koehler,** R. *l.c.* (21).

Ophiomastus perplexus n. sp. Siboga expedition. **Koehler,** R. *l.c.* (29).

Ophiomaza cacaotica. **Herdmann,** W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (147).

Ophiomidas n. gen., *O. reductum, O. alatum* nn. spp. Siboga Expedition. **Koehler,** R. Leide, Livr. 15, Monogr., **45,** 1904, (26–27).

Ophiomitrella nn. spp. Siboga Expedition. **Koehler,** R. *l.c.* (133-137).

Ophiomoeris n. gen., *O. spinosa* n. sp. Siboga Expedition. **Koehler,** R. *l.c.* (17).

Ophiomusium nn. spp. Siboga Expedition. **Koehler,** R. *l.c.* (56–64).

Ophiomyces delata n. sp. Siboga Expedition. **Koehler,** R. *l.c.* (100).

Ophiomytis n. gen., *O. weberi* n. sp. Siboga Expedition. **Koehler,** R. *l.c.* (142).

Ophiomyxa? juv. **Herdman,** W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (147).

Ophionereis? sp. **Herdman,** W. A. *l.c.* (146).

Ophiopallas n. gen., *O. paradoxa* n. sp. Siboga Expedition. **Koehler,** R. Leide, Livr. 15, Monogr. **45,** 1904, (12).

Ophioplinthaca nn. spp. Siboga Expedition. **Koehler,** R. *l.c.* (123–130).

Ophiopsila aranea. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7,** 1904, (209).

Ophiopteron elegans, wide distribution. **Herdman,** W. A. and **Bell,** F. J. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (147, 148).

Ophiopyren delatum n. sp. Siboga Expedition. **Koehler,** R. Leide, Livr. 15, Monogr. **45,** 1904, (10).

Ophiopyrgus nn spp. Siboga Expedition. **Koehler,** R. *l.c.* (30–31).

Ophioscolex pertinax n. sp. Siboga Expedition. **Koehler,** R. *l.c.* (145).

Ophiothamnus stultus n. sp. Siboga Expedition. **Koehler,** R. *l.c.* (141).

Ophiotholia multispina n. sp. Siboga Expedition. **Koehler,** R. *l.c* (99).

Ophiothrix, variability, *O*? *aspidota. O* ? *vereidina.* **Herdman,** W. A. and **Bell,** F. J. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (143, 150); *O.* nn spp. Siboga Expedition. **Koehler,** R. Leide, Livr. 15, Monogr. **45,** 1904, (146-150); *O. fragilis.* **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7,** 1904, (210); *O. fragilis,* embryology. **MacBride,** E. W. Amer. Nat., Boston, Mass., **38,** 1904, (508–511, with text fig.).

Ophiotoma assimilis n. sp. Siboga Expedition. **Koehler,** R. Leide, Livr. 15, Monogr., **45,** 1904, (144).

Ophiozona nn. spp. Siboga Expedition. **Koehler,** R. *l.c.* (22–24).

Ophiura sp. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (146); **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (293); *O. albida*, *O. ciliaris*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (208).

Ophiurina? **Bather**, F. A. in **Fox**, H. Penzance, Trans. R. Geol. Soc. Cornwall, **12**, 1904, (752). [Proves to be a new genus, 1905].

Pectinura nn. spp. Siboga Expedition. **Koehler**, R. Leide, Livr. 15, Monogr. **45**, 1904, (8); *P. gorgonia*, *P. intermedia*. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (146).

ECHINOIDEA.

General.

Fourtau. Contribution à l'étude de la faune échinitique du Golfe de Suez. Cairo, Bull. Inst. Egypt, **1903**, (407–446, with 1 pl.).

Lambert, J. Notes sur les Echinides recueillis par M. Tournouër en Patagonie. Paris, Bul. soc. géol., (sér. 4), **3**, 1903, (474–485, av. pl.).

Meijere, J. C. H. de. Die Echinoidea der Siboga-Expedition. Résultats des explorations zool. bot. océanogr. géol., entreprises à bord du Siboga, publiés par Max Weber. Leide, (E. J. Brill), Livr. 14, Monogr. **43**, 1904, (252, mit 23 Taf.).

Savin, L. Catalogue des Echinides de la Savoie. Paris, C.-R. Ass. franç. avanc. sci., **31**, (Montauban, 1902), 1e partie, 1902, (211–212); 2e partie, 1903, (489–491).

Sluiter, C. P. Echiniden des Museums zu Amsterdam. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (65–74).

Special.

Acrosalenia chartroni, note. **Lambert**, J. Paris, Bul. soc. géol., (ser. 4), **3**, 1904, (538–545, av. pl.); *A. decorata*. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, **1904**, (40, 49).

Amblypneustes griseus Blaino. **Hall**, T. S. Vict. Nat., Melbourne, **21**, 1904, (70–73).

Araeosoma owsteni (corr. *owstoni*) n. sp. Sagami Bay, 50 fms. **Mortensen**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (82, pls. II, V).

Arbacia pustulosa, natura della partenogenesi [in essa]. **Ariola**, V. Genova, Boll. Musei zool. anat. comp., No **3**, 1901, (1–12, con 1 tav.); Genova, Atti Soc. ligustica sc. nat. geogr., **12**, 1902, (192–203).

Archaeocidaris sp.† **Hind**, W. London, Rep. Brit. Ass., **1903**, (186, 188); *A. ourayensis*† n. sp. Colorado. **Girty**, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Papra., No. **16**, 1903, (329); *A. regimontana*† n. sp. Giessen. **Parkinson**, H. Berlin, Zs. D. geol. Ges., **55**, 1903, (365); *A. urei*. **Hind**, W. London, Rep. Brit. Ass., **1903**, (192); *A. urei*. **Peach**, B. N. and **Horne**, J. Edinburgh, Trans. R. Soc., **40**, 1904, (848).

Asthenosoma heteraclis, *A. ijimai*, madreporite, pedicellariae, spicules, radioles. **Mortensen**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (87, 88, pl. III, V); *A. tessellatum*? juv. = *Asthenosoma gracile* A. Ag. Challenger Stat. 219. **Mortensen**, T. *l.c.* (86, pl. IV).

Brissopsis sp. nondescr. **Barron**, T. Geol. Mag., London, [5], **1**, 1904, (607).

Calveria gracilis incl. *Asthenosoma longispinum* Yosh. **Mortensen**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (89).

Cardiaster† n. sp. en trop mauvais état pour recevoir un nom spécifique nouveau. Madagascar. **Lambert**, J. Paris, Bul. soc. géol., (sér. 4), **3**, 1903, (76); *C. ananchytis*†, great size radioles attached, *C. cotteaui*†, *C. pilula*†. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (193–296).

Chuniola† n. gen., *C. carolinae* n. sp. **Gagel**, C. Berlin, Jahrb. geol. Landesanst., **23**, (1902), 1903, (525–543, mit 2 Taf.).

Cidaris sp.† **Burnet**, A. Geol. Mag., London, (N. Ser.), [5], **1**, 1904, (172–176); *C.* nn. spp. Siboga-Expedition. **Meyere**, J. C. H. de. Livr. 14, Monogr. **43**, 1904, (252, mit 23 Taf.); *C. clavigera*†. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (252, 293);

C. dissimilis†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, **1904**, (80); *C. edwardsi*?†. **Short**, A. R. London, Q. J. Geol. Soc., **60**, 1904, (170-193); *C. gaultina*†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), **54, 55**, 1904, (78). **Fearnsides**, W. G. London, Q. J. Geol. Soc., **60**, 1904, 360–363); *C. hirudo*†. **Hinde**, G. J. Geol. Mag.. London, (N. Ser.), [5], **1**, 1904, (482–487); **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (256, 266, 293); *C. metularia*. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (138); *C. peronata*†. **Burnet**, A. Geol. Mag., London, (N. Ser.), [5], **1**, 1904, (172–176); **Hinde**, G. J. *l.c.* (482-487); *C. sceptrifera*†. **Burnet**, A. *l.c.* (172-176); **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (252, 256, 266, 293); *C. smithi*†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng, London, (N. Ser.), 54, 55, **1904**, (40, 49, 54, 59); *C. sorigneti*†, distinguished from *C. clavigera*. **Jukes-Browne**, A. J. Mem. Geol. Surv. U. K., London, [5], **3**, 1904, (456); *C. subvesiculosa*†. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (252, 256, 266, (293); *C. vesiculosa*†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, **1904**, (80).

Clypeaster audouini n. sp. Golfe de Suez. **Fourtau**, R. Cairo, Bull. Inst. Egypt, **1903**, (407–446, with 1 pl.); *C. humilis*. (= *rosaceus*), *C. scutiformis*. **Herdmann**, W. A. Rep. Ceylon Pearl Fish., London, pt. **2**, Supp. Rep. 10, **1904**, (141).

Clypeus subulatus†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, **1904**, (VIII + 120, with 11 pls. and text-figs.).

Codiopsis valotairei† n. sp. Craie de Touraine. **Lambert**, J. Paris, Bul. soc. géol., (sér. 4), **3**, 1903, (89–92, av. pl.).

Collyrites bicordata†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, **1904**, (30, 40, 49).

Cyphosoma corollare†. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (252, 266, 293); *C. koenigi*. **Hinde**, G. J. Geol. Mag., London, (N. Ser.), [5], **1**, 1904, (482–487); *C. radiatum*†. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (241–293).

Desorella, the genus. **Woods**, H. Geol. Mag., London, [5], **1**, 1904, (479–481, pl. XVI, 1 text-fig.).

Diadema saxatile. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (139).

Discoidea cylindrica†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, **1904**, (80).

Echinanthus testudinarius. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt 2, Supp. Rep. 10, 1904, (141).

Echinobrissus clunicularis†, *E. orbicularis*†, *E. scutatus*†. **Fox-Strangways**, C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, **1904**, (23, 49, 54, with fig.).

Echinocardium australe Gray. **Hall**, T. S. Vict. Nat., Melbourne, **21**, 1904, (70–73); *E. flavescens*, *E. pennatifidum*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (211).

Echinoconus conicus†. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (251); **Hinde**, G. J. Geol. Mag., London, (N. Ser.), [5], **1**, 1904, (482–487).

Echinocorys (*Ananchytes*) *scutatus*†. **Burnet**, A. *l.c.* (172–176); *E. pyramidatus*†. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (256); *E. scutatus*† cum varr. *pyramidatus* et *striatus*. **Hinde**, G. J. Geol. Mag., London, (N. Ser.), [5], **1**, 1904, (482–487); *E. vulgaris*†. **Dibley**, G. E. *l.c.* (525–526); **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (239, 243, 247, 250, 255, 265, 293).

Echinocyamus sp. **Hall**, T. S. Vict. Nat., Melbourne, **21**, 1904, (70–73); *E. pusillus*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (210).

Echinodiscus auritus. **Herdman**, W. A. Rep. Ceylon Pearl Fish, London, pt. 2, Supp. Rep. 10, 1904, (142).

Echinolampas oviformis. **Herdman**, W. A. *l.c.* (142).

Echinoneus cyclostomus. **Herdman**, W. A. *l.c.* (142); **Gardiner**, J. S. Fauna Mald. Laccad. Archip., London, **1**, 1904, (95).

Echinospatagus cordiformis. **Fox-Strangways,** C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, **1904,** (72–76).

Echinostrephus molare. **Herdman,** W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (139).

Echinothuria sp. **Salter,** M. Fossils of Torquay, etc., London, 1904, (1–28).

Echinus acutus, E. esculentus, E. militaris. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7,** 1904, (210); *E. esculentus.* **Burne,** R. H. Catalogue Mus. Roy. Coll. Surgeons, London, 2nd edit., **2,** 1904, (4); *E. gilchristi* n. sp. Cape Good Hope. **Bell,** F. J. Cape Town, Marin. Invest., **3,** 1904, (170); *E. militaris* L., development. **Théel,** H. Stockholm, Vet.-Ak. Bih., Afd. IV, **28,** No. 7, 1902, (11, with pls.).

Eobrissus n. gen. of Prymnodesmid Spatangoids, type *E. townsendi* n. sp. Coast of Oman. **Bell,** F. J. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (236–237).

Epiaster nutrix† Lambert 1899. **Lambert,** J. Paris, Bul. soc. géol., (Ser. 4), **3,** 1903, (86–87).

Eupatagus valenciennesii L. Ag. **Hall,** T. S. Vict. Nat., Melbourne, **21,** 1904, (70–73).

Fibularia australis? 12–15 petalpores. **Herdman,** W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (141); *F. voeltzkowi*† n. sp. **Tornquist,** A. Frankfurt a. M. Abh. Senckenb. Ges., **27,** 1904, (321–338, mit 1 Taf.).

Fibulina n. gen., *F. gracilis*† n. sp. **Tornquist,** A. *l.c.* (321–338, mit 1 Taf.).

Foxaster complanatus†. **Fox-Strangways,** C. Mem. Geol. Surv. Eng., London, (N. Ser.), **54, 55,** 1904, (73).

Genocidaris decipiens n. sp. Siboga expedition. **Meyere,** J. C. H. de. Livr. 14, Monogr. **43,** 1904, (76).

Goniocidaris tubaria Lamk. **Hall,** T. S. Vict. Nat., Melbourne, **21,** 1904, (70–73).

Gymnechinus pulchellus n. sp. Siam. **Mortensen,** F. Kjöbenhavn, Vid. Selsk. Skr., (Ser 7), **1,** Nr. 1. 1904, (113); *G. pumilio* n. sp. Siboga expedition. **Meyere,** J. C. H. de. Livr. 14, Monogr. **43,** 1904, (90).

Hapalosoma, relations to *Asthenosoma.* **Mortensen,** T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (85).

Hemiaster, discussed with *H. bufo* as type, *Trachyaster* as subgenus, etc. **Bather,** F. A. Geol. Mag., London, (N. Ser.), [5], **1,** 1904, (297); *H.*†, quelques petites espèces de la craie blanche. **Lambert,** J. Auxerre, Bul. soc. sci. hist. nat., 2e partie: Sciences phys. et nat., **57,** 1903, [1904], (21–31); *H. cubicus*†, distinguished from *Linthia oblonga.* **Newton,** R. B. *l.c.* (441–445); *H. miminus*†. **Rowe,** A. W. London, Proc. Geol. Ass., **18,** 1904, (241); *H. sudanensis*† n. sp. Eocene, Sokoto. **Bather,** F. A. Geol. Mag., London, (N. Ser.), [5], **1,** 1904, (299, pl. XI); *H. vancouverensis* n. sp. British Columbia. **Whiteaves,** J. F., Amer. J. Sci., New Haven, Conn., (Ser. 4), **18,** 1904, (287–289).

Hemicidaris intermedia†. **Fox-Strangways,** C. Mem. Geol. Surv., Eng., London, (N. Ser.), **54, 55,** 1904, (59).

Hemipedina woodwardi†. **Fox-Strangways,** C. *l.c.* (23).

Hessotiara minor, note. **Lambert,** J. Paris, Bul. soc., géol., (ser. 4), **3,** 1904, (538–545, av. pl.).

Holaster laevis†, *H. rotundus*†, *H. subglobosus*†, *H. suborbicularis*†, *H. trecensis* ?†. **Fox-Strangways,** C. Mem. Geol. Surv. Eng., London, (n. Ser.), **54, 55,** 1904, (78, 80); *H. placenta*†, *H. planus*†. **Burnet,** A. Geol. Mag., London, (N. Ser.), [5], **1,** 1904, (172–176); **Rowe,** A. W. London, Proc. Geol. Ass., **18,** 1904, (248, 294, 241, 243, 293); **Jukes-Browne,** A. J. Mem. Geol. Surv., U. K., London, **3,** 1904, (457–458); *H. stümcki*† n. sp. **Wolleman,** A. Berlin, Abh. geol. Landesanst., (N.F.), **37,** 1902, (28).

Holectypus oblongus†, *H. scutatus*†. **Fox-Strangways,** C. Mem. Geol. Surv. Eng., London, (N. Ser.), **54, 55,** 1904, (40).

Holopneustes porosissimus, L. Ag. **Hall,** T. S. Vict. Nat., Melbourne, **21,** 1904, (70–73).

Homoeaster audouini† n. sp. Madagascar. **Lambert,** J. Paris, Bul. soc. géol., (ser. 4), **3,** 1903, (80–81).

Infulaster excentricus †. **Burnet,** A. Geol. Mag., London, (N. Sér.), [5], **1,** 1904, (172-176); *I. excentricus* †, *I. rostratus* †, enlarged ranges. **Rowe,** A. W. London, Proc. Geol. Ass., **18,** 1904, (248, 249, 251, 256, 266, 294).

Laganum nn. spp. Siboga Expedition. **Meyere,** J. C. H. de. Livr. 14, Monogr. **43,** 1904, (120-129); *L. depressum.* **Herdman,** W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (141).

Lampadaster gauthieri † Lambert 1896. **Lambert,** J. Paris, Bul. soc. géol., (sér. 4), **3,** 1903, (75).

Linthia australis Gray. **Hall,** T. S. Vict. Nat., Melbourne, **21,** 1904, (70-73); *L. bisulca* †, *L. cotteaui* †, *L. dubia* †, *L. ducrocqui* †, distinguished from *Hermaster sudanensis, L. paneli* †, *L. sindensis* †. **Bather,** F. A. Geol. Mag., London. (N. Ser.), **1,** 1904, (302, 303); *L. oblonga* †, Cenomanian, Sinai, described and figured. **Newton,** R. B. *l.c.* (441-445, pl. XV).

Lovenia elongata. **Herdman,** W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (142).

Maretia zeiseï † n. sp. **Gagel,** C. Berlin, Jarb. geol. Landesanst., **23,** (1902), 1903, (525-543, mit 2 Taf.); *M. planulata.* **Herdman,** W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (142).

Micraster spp.† **Rowe,** A. W. London, Proc. Geol. Ass., **18,** 1904, (245-294); *M. coranguinum* †. **Hinde,** G. J. Geol. Mag., London, (N. Ser.), [5], **1,** 1904, (482-487); **Jukes-Browne,** A. J. Mem. Geol. Surv. U. K., London, **3,** 1904, (27); *M. cortestudinarium* †, *M. leskei* †. **Burnet,** A. Geol. Mag., London, (N. Ser.), [5], **1,** 1904, (172-176); **Jukes-Browne,** A. J. Mem. Geol. Surv. N. K., London, Cret. Rocks Great Britain, **3,** 1904, (24-26); *M. meunieri* † Lambert 1896. **Lambert,** J. Paris, Bul. soc. géol., (ser. 4), **3,** 1903, (76-77); *M. praecursor* †. **Jukes-Browne,** A. J. Mem. Geol. Surv. U. K., London, [5], **3,** 1904, (24).

Microcyphus zigzag, L. Ag. **Hall,** T. S. Vict. Nat., Melbourne, **21,** 1904, (70-73).

Palaeodiscus†, anatomy. **Spencer,** W. K. London, Proc. R. Soc., **74,** 1904, (31-46, pl. I, 12 text-figs.).

Phyllacanthus imperialis. **Herdman,** W. A. Rep. Ceylon Pearl Fish., London, pl. 2, Supp. Rep. 10, 1904, (139).

Plesiolampas† discussed, *P. saharae*† n. sp. Eocene, Sokoto. **Bather,** F. A. Geol. Mag., London, (N. Ser.), [5], **1,** 1904, (292-293, pl. XI).

Pleurechinus nn. spp. Siam. **Mortensen,** T. Kjöbenhavn, Vid. Selsk. Skr., (Ser. 7), **1,** Nr. 1, 1904, (84-89).

Pseudoboletia maculata. **Herdman,** W. A Rep. Ceylon Pearl Fish., London, pt. 2, Suppl. Rep. 10, 1904, (139).

Pseudodiadema brongniarti†, distinguished from *P. variolare*†; *P. mackiei*†, maintained. **Jukes-Browne,** A. J. Mem. Geol. Surv. U. K., London, [5], **3,** 1904, (455, 456); *P. depressum*†, *P. pentagonum*†, *P. vagans*†, *P. versipora*†. **Fox-Strangways,** C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, **1904,** (15, 23, 40, 54, 59); *P. primaevum,* note. **Lambert,** J. Paris, Bul. soc. géol., (sér. 4), **3,** 1904 (538-545, av. pl.).

Pygaster semisulcatus†. **Fox-Strangways,** C. Mem. Geol. Surv. Eng., London, (N. Ser.), 54, 55, **1904,** (9).

Pygurus pentagonalis†. **Fox-Strangways,** C. *l.c.* (40, 49).

Rhabdocidaris maxima†, *R. phillipsi*†. **Fox-Strangways,** C. *l.c.* (15, fig. 59).

Salenia granulosa†. **Rowe,** A. W. London, Proc. Geol. Ass., **18,** 1904, (241, 252, 256, 293).

Salenidia bouleï† n. sp. Madagascar. **Lambert,** J. Paris, Bul. soc. géol., (ser. 4), **3,** 1903, (82-83).

Salmacis bicolor, S. sulcata. **Herdman,** W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (140).

Schizaster gibberalus. **Herdman,** W. A. *l.c.* (142); *S. houra*† n. sp. **Tornquist,** A. Frankfurt, a. M., Abh. Senckenb. Ges., **27,** 1904, (321-338, mit 1 Taf.); *S. savignyi* n. sp., var. *major* n. var. Golfe de Suez. **Fourtau,** R. *l.c.* (436-439).

Spatangus (?) nn. spp. **Gagel,** C. Berlin, Jarb. geol. Landesanst., **23,** (1902), 1903, (525-543, mit 2 Taf.); *S. purpurens.* **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7,** 1904, (211).

Sperosoma quinquinciale n. sp. Siboga-Expedition. **Meyere**, J. C. H. de. Livr. 14, Monogr. **43**, 1904, (40).

Stephanocidaris bispinosa. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (138).

Stirechinus suevicus† n. sp. **Schutze**, E. Stuttgart, Jahreshefte Ver. Natk., **60**, 1904, (147–188).

Strongylocentrotus erythrogrammus Val. **Hall**, T. S. Vict. Nat., Melbourne, **21**, 1904, (70–73).

Temnopleurus toreumaticus. **Herdman**, W. A. Rep. Ceylon Pearl Fish., London, pt. 2, Supp. Rep. 10, 1904, (140).

Toxopneustes pileolus. **Herdman**, W. A. *l.c.* (140).

Tromikosoma mordeus n. sp. Siboga-Expedition. **Meyere**, J. C. H. de. Livr. 14, Monogr. **43**, 1904, (39).

Zeuglopleurus rowei in Marsupites zone. **Rowe**, A. W. London, Proc. Geol. Ass., **18**, 1904, (255, 256, 293).

HOLOTHURIOIDEA.

General.

Koningsberger, J. C. Tripang und Tripangfischerei in Niederländisch Indien. (Holländisch) Buitenzorg, Meded, Plant., **71**, 1904, (II + 72, mit 9 Taf.).

Sluiter, C. P. Holothurien des Museums zu Amsterdam. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (75–82).

Special.

Cucumaria brunnea. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (206); *C. hyndmani*. **M. B. A.** *l.c.* (206); *C. normani*. **M. B. A.** *l.c.* (206); *C. normani* n. sp. Plymouth, 10 fms. including *Holothuria pentactes* var. Montagu 1808 and *C. montagui* Norm. 1893 specimen A. **Pace**, S. *l.c.* (305–309); *C. pentactes*, Linné sp. indeterminable, name rejected. **Pace**, S. *l.c.* (305–309); *C. saxicola*. **M. B. A.** *l.c.* (206); *C. saxicola* incl. "*C. montagui*" Norm. 1893 specimens B, C. **Pace**, S. *l.c.* (305–309).

Holothuria, sopra una nuova gonade delle Oloturie. **Polara**, G. Zool. Anz., Leipzig, **28**, 1904, (33-37); *H. atra*, *H. maculata*. **Gardiner**, J. S. Fauna Mald. and Laccad. Archip., **1**, 1904, (339, 392); *H. nigra*. **Burne**, R. H. Echinodermata. In: Catal. Roy. Coll. Surgeons Museum, London, 2nd Edit., **2**, 1904, (5); *H. nigra*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (207).

Psolus valvatus n. sp. **Oestergren**, H. Zool. Anz., Leipzig, **27**, 1904, (659).

Semperia drumondi Herouard. **Pace**, S. Plymouth, J. Mar. Biol. Ass., **7**, 1901, (305–309).

Stichopus chloronotus. **Gardiner**, J. S. Fauna Mald. and Laccad. Archip., **1**, 1904, (339); *Stichopus regalis*, étude physiologique des muscles longitudinaux. **Henri**, V. Paris, C.-R. soc. biol., **55**, 1903, (1194-1195).

Synapta cf. *ooplax*. **Gardiner**, J. S. Fauna Mald. and Laccad. Archip., **1**, 1904, (338); *S. digitata*. **M. B. A.** Plymouth, J. Mar. Biol. Ass., **7**, 1904, (206).

Thyone fusus. **M. B. A.** *l.c.* (206).

Thyonidium rigidum n. sp. **Sluiter**, C. P. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (75–82).

LIST OF NEW GENERA AND SPECIES.

Actinometra [Crinoidea].
——— *iowensis*. Springer. 114.

Amphilepis [Ophiuroidea].
——— *mobilis*. Koehler. 61.
——— *protecta*. Koehler. 61.

Amphiura [Ophiuroidea].
——— *agitata*. Koehler. 61.
——— *concinna*. Koehler. 61.
——— *confinis*. Koehler. 61.
——— *crassa*. Koehler. 61.
——— *debilis*. Koehler. 61.
——— *firma*. Koehler. 61.
——— *gentilis*. Koehler, 61.
——— *grata*. Koehler. 61.
——— *hilaris*. Koehler. 61.
——— *novica*. Koehler. 61.
——— *servata*. Koehler. 61.
——— *spinulosa*. Koehler. 61.
——— *tesselata*. Koehler. 61.
——— *trepida*. Koehler. 61.
——— *uncinata*. Koehler. 61.
——— *vitax*. Koehler. 61.

Antedon [Crinoidea].
——— *okelli*. Chadwick. 18.

ARAEOSOMA [Echinoidea].
——— *owstoni*. Mortensen. 88.

ARCHAEOCIDARIS [Echinoidea].
——— *ourayensis*.† Girty. 39.
——— *regimontana*. Parkinson. 95.

ASTROCERAS [Ophiuroidea].
——— *compar*. Koehler. 61.

Astrocharis n. gen. [Ophiuroidea]. Koehler. 61.
——— *virgo*. Koehler. 61.

ASTROGOMPHUS [Ophiuroidea].
——— *munitus*. Koehler. 61.

ASTROPECTEN [Asteroidea].
——— *ornans*. Sluiter. 109.
——— *ternatensis*. Sluiter. 109.

ASTROSCHEMA [Ophiuroidea].
——— *ferox*. Koehler, 61.
——— *fostosum*. Koehler. 61.
——— *migrator*. Koehler. 61.

ASTROTOMA [Ophiuroidea].
——— *bellator*. Koehler. 61.
——— *vecors*. Koehler. 61.

CALCEOCRINUS [Crinoidea].
——— *alleni*.† Rowley. 101.

Chuniola† n. gen. [Echinoidea]. Gagel. 34.
——— *carolinae*.† Gagel. 34.

CIDARIS [Echinoidea].
——— *fimbriata*. Meyere. 81.
——— *glandulosa*. Meyere. 81.
——— *hirsutus pinus*. Meyere. 81.

CLYPEASTER [Echinoidea].
——— *audouini*. Fourtau. 31.

CODIOPSIS [Echinoidea].
——— *valotairei*†. Lambert. 65.

CORDYLOCRINUS [Crinoidea].
——— *dubius*.† Rowley. 101.

CUCUMARIA [Holothurioidea].
——— *normani*. Pace. 94.

CULCITA [Asteroidea].
——— *niassensis*. Sluiter. 109.

CYATHOCRINUS [Crinoidea].
——— *ovalis*.† Rowley. 101.

DOLATOCRINUS [Crinoidea].
——— *asterias*. Wood. 127.
——— *costatus*.† Wood. 127.
——— *wachsmuthi* n. nom. Wood. 127.

ECHINUS [Echinoidea].
——— *gilchristi*. Bell. 10.

Eobrissus n. gen. [Echinoidea]. Bell. 9.
——— *townsendi*. Bell. 9.

FIBULARIA [Echinoidea].
——— *voeltzkowi*.† Tornquist. 117.

Fibulina† n. gen. [Echinoidea]. Tornquist. 117.
——— *gracilis*.† Tornquist. 117.

GENOCIDARIS [Echinoidea].
——— *decipiens*. Meyere. 81.

GISSOCRINUS [Crinoidea].
——— ? *problematicus*.† Rowley. 101.

GLYPTOCRINUS [Crinoidea].
——— *insperatus*.† Rowley. 101.
——— ——— var. *carinatus*† n. var. Rowley. 101.
——— ——— var. *pentagonus*† n. var. Rowley. 101.

GYMNECHINUS [Echinoidea].
——— *pulchellus*. Mortensen. 86.
——— *pumilio*. Meijere. 81.

HEMIASTER [Echinoidea].
——— *sudanensis*†. Bather. 7.
——— *vancouverensis*. Whiteaves. 123.

HOLASTER [Echinoidea].
——— *stümcki*†. Wolleman. 125.

HOMOEASTER [Echinoidea].
——— *audouini*†. Lambert. 65.

ICHTHYOCRINUS [Crinoidea].
——— *magnaradialis*†. Weller. 121.

LAGANUM [Echinoidea].
——— *anale*. Meijere. 81.
——— *conicum*. Meijere. 81.
——— *minutum*. Meijere. 81.
——— *solidum*. Meijere. 81.

LAMPTEROCRINUS [Crinoidea].
——— ? *comptus*†. Rowley. 101.

LECANOCRINUS [Crinoidea].
——— *hemisphericus*†. Rowley. 101.

MARETIA [Echinoidea].
——— *zeiseï*†. Gagel. 34.

MEGISTOCRINUS [Crinoidea].
——— *regularis*†. Wood. 127.
——— *sphaeralis*†. Wood. 127.
——— *tuberatus*†. Wood. 127.

MELOCRINUS [Crinoidea].
——— *wittenbergensis*†. Rowley. 101.

Ophiacantha [Ophiuroidea].
——— *augusta*. Koehler. 61.
——— *clandestina*. Koehler. 61.
——— *congesta*. Koehler. 61.
——— *dilecta*. Koehler. 61.
——— *eximia*. Koehler. 61.
——— *fausta*. Koehler. 61.
——— *ficta*. Koehler. 61.
——— *imperita*. Koehler. 61.
——— *inutilis*. Koehler. 61.
——— *luctuosa*. Koehler. 61.
——— *matura*. Koehler. 61.
——— *perfida*. Koehler. 61.
——— *procera*. Koehler. 61.
——— *relicta*. Koehler. 61.
——— *tenuis*. Koehler. 61.

Ophiactis [Ophiuroidea].
——— *dissidens*. Koehler. 61.
——— *parata*. Koehler. 61.

Ophiobyrsella [Ophiuroidea].
——— *erinaceus*. Koehler. 61.

Ophiocamax [Ophiuroidea].
——— *rugosa*. Koehler. 61.

Ophioceramis [Ophiuroidea].
——— *declinans*. Koehler. 61.

Ophiochiton [Ophiuroidea].
——— *bispinosus*. Koehler. 61.
——— *commixtus*. Koehler. 61.
——— *inaequalis*. Koehler. 61.

Ophiochrysis n. gen. [Ophiuroidea]. Koehler. 61.
——— *ornata*. Koehler. 61.

Ophiocirce n. gen. [Ophiuroidea]. Koehler. 61.
——— *inutilis*. Koehler. 61.

Ophiocoma [Ophiuroidea].
——— *grandisquama*. Koehler. 61.

Ophiocrates n. gen. [Ophiuroidea]. Koehler. 61.
——— *lenta*. Koehler. 61.

Ophiocreas [Ophiuroidea].
——— *sibogae*. Koehler. 61.

Ophiodera [Ophiuroidea].
——— *neglecta*. Koehler. 61.

Ophiodoris n. gen. [Ophiuroidea]. Koehler. 61.
——— *contrarius*. Koehler. 61.
——— *errans*. Koehler. 61.
——— *malignus*. Koehler. 61.

Ophioglypha [Ophiuroidea].
——— *clemens*. Koehler. 61.
——— *distincta*. Koehler. 61.
——— *humilis*. Koehler. 61.
——— *improba*. Koehler. 61.
——— *insoleta*. Koehler. 61.

Ophioglypha [Ophiuroidea].
——— *latro*. Koehler. 61.
——— *laudata*. Koehler. 61.
——— *lenta*. Koehler. 61.
——— *liberata*. Koehler. 61.
——— *prisca*. Koehler. 61.
——— *remota*. Koehler. 61.

Ophioleuce n. gen. [Ophiuroidea]. Koehler. 61.
——— *seminudum*. Koehler. 61.

Ophiolypus [Ophiuroidea].
——— *levis*. Koehler. 61.

Ophiomastus [Ophiuroidea].
——— *perplexus*. Koehler. 61.

Ophiomidas n. gen. [Ophiuroidea]. Koehler. 61.
——— *alatum*. Koehler. 61.
——— *reductum*. Koehler. 61.

Ophiomitrella [Ophiuroidea].
——— *barbara*. Koehler. 61.
——— *languida*. Koehler. 61.
——— *moniliformis*. Koehler. 61.
——— *mutata*. Koehler. 61.
——— *placida*. Koehler. 61.

Ophiomoeris n. gen. [Ophiuroidea]. Koehler. 61.
——— *spinosa*. Koehler. 61.

Ophiomusium [Ophiuroidea].
——— *altum*. Koehler. 61.
——— *fallax*. Koehler. 61.
——— *impurum*. Koehler. 61.
——— *properum*. Koehler. 61.
——— *relictum*. Koehler. 61.
——— *sanctum*. Koehler. 61.

Ophiomyces [Ophiuroidea].
——— *delata*. Koehler. 61.

Ophiomytis n. gen. [Ophiuroidea]. Koehler. 61.
——— *weberi*. Koehler. 61.

Ophiopallas n. gen. [Ophiuroidea]. Koehler. 61.
——— *paradoxa*. Koehler. 61.

Ophioplinthaca [Ophiuroidea].
——— *citata*. Koehler. 61.
——— *miranda*. Koehler. 61.
——— *mitis*. Koehler. 61.
——— *pulchra*. Koehler. 61.
——— *vicina*. Koehler. 61.

Ophiopyren [Ophiuroidea].
——— *delatum*. Koehler. 61.

Ophiopyrgus [Ophiuroidea].
——— *depressus*. Koehler. 61.
——— *trispinosus*. Koehler. 61.

Ophioscolex [Ophiuroidea].
——— *pertinax*. Koehler. 61.
Ophiothamnus [Ophiuroidea].
——— *stultus*. Koehler. 61.
Ophiotholia [Ophiuroidea].
——— *multispina*. Koehler. 61.
Ophiothrix [Ophiuroidea].
——— *clarescens*. Koehler. 61.
——— *crassispina*. Koehler. 61.
——— *deposita*. Koehler. 61.
——— *viator*. Koehler. 61.
Ophiotoma [Ophiuroidea].
——— *assimilis*. Koehler. 61.
Ophiozona [Ophiuroidea].
——— *casta*. Koehler. 61.
——— *molesta*. Koehler. 61.
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——— *honorata*. Koehler, 61.
——— *modesta*. Koehler. 61.
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——— *euphues*. Sluiter. 109.
Pentacrinus [Crinoidea].
——— *dentatogranulatus*†. Wolleman. 126.
——— *zeltbergensis*†. Wolleman. 125.
Pisocrinus [Crinoidea].
——— *glabellus*†. Rowley. 101.
——— *granulosus*†. Rowley. 101.
——— *yassensis*†. Etheridge. 28.
——— (?) ——— var. *lobata*† n. var. Etheridge. 28.
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——— *saharae*†. Bather. 7.
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——— *döderleini*. Mortensen. 86.
——— *siamensis*. Mortensen. 86.
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——— *valvatus*. Oestergren. 93.
Salenidia [Echinoidea].
——— *boulei*†. Lambert. 64.
Schizaster [Echinoidea].
——— *howa*†. Tornquist. 117.
——— *savigny*. Fourtau. 31.
——— ——— var. *major* n. var. Fourtau. 31.
Solaster [Asteroidea].
——— *intermedius*. Sluiter. 109.
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——— (?) *gottschei*†. Gagel. 34.
——— (?) *meyni*†. Gagel. 34.
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——— *quincunciale*. Meyere. 81.
Sphaeraster [Asteroidea].
——— *molassicus*†. Schütze. 105.
Stirechinus [Echinoidea].
——— *suevicus*†. Schütze. 105.
Thyonidium [Holothurioidea].
——— *rigidum*. Sluiter. 111.
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TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Amphistomum watsoni n. sp., in man. **Conyngham**, H. F. Lancet, London, **1904**, 2, (464); Brit. Med. J., London, **1904**, 2, (663).

Bilharzia, a new species. **Catto**, J. *l.c.* (1411–1425); *B. haematobia*, notes. **Auden**, F. T. Lancet, London, **1904**, 1, (1235); *B. haematobia*. **Rendall**, P. *l.c.* (755–756); *B. haematobia*. **Ross**, E. H. *l.c.* (687); *B. haematobia*. **Scott**, J. Brit. Med. J., London, **1904**, 1, (725); *B. haematobia*. **Worth**, E. H. Lancet, London, **1904**, 1, (611).

Bothriogaster n. gen., *B. variolaris* n. sp. **Fuhrmann**, O. Centralbl. Bakt., Jena, Abt. 1, **37**, Originale, 1904, (59).

Centrovarium n. gen. **Stafford**, J. Zool. Anz., Leipzig, **27**, 1904, (481–495).

Derogenes plenus n. sp. Canada. **Stafford**, J. *l.c.* (481–495).

Dicrocoelium lanceolatum chez le chien. **Kamenskij**, S. Charĭkov, Trd. Obšč. ispyt. prir., **36**, 1904, (59–64).

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Gasterostomum pusillum n. sp. Canada. **Stafford**, J. *l.c.* (481–495).

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Lepidapedon n. gen. Canada. **Stafford**, J. *l.c.* (481–495).

Leptosoma n. gen., *L. obscurum* n. sp. Canada. **Stafford**, J. *l.c.* (481–495).

Megadistomum n. gen. **Stafford**, J. *l.c.* (481–495).

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Opisthorchis felineus, abnormer Darmverlauf. **Engler**, K. Zool. Anz., Leipzig, **28**, 1904, (186–188).

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Phyllodistomum superbum n. sp. Canada. **Stafford**, J. Zool. Anz., Leipzig, **27**, 1904, (481–495).

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1397, 1442–1446); *S. haematobium japonicum* Kats. (apparently), discovered in the portal vein of man. (Japanese) **Fujinami**, K. Kyōto, Ig. Z., **1**, No. 3, 1904, (1–13, with pl.); (= *S. japonicum* Kats.); its pathological relations in the Saga Prefecture. (Japanese) **Katsurada**, F. Okayama, Ig. Kw. Z., **175**, 1904, (1–16); structure. (Japanese) **Katsurada**, F. *l.c.* **176**, 1904, (1–9, with pl.); from the mesenterial veins of cats. (Japanese) **Tsuchiya**, G. Tōkyō Ij. Sh., **1904**, (1603–1608).

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Synaptobothrium n. gen., *S. copulans* n. sp. **Linstow**, O. F. B. von. *l.c.* **28**, 1904, (252–254).

Xenodistomum n. gen., *X. melanocystis* n. sp. Canada. **Stafford**, J. *l.c.* **27**, 1904, (481–495).

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Amphilina foliacea. **Hein**, W. Zs. wiss. Zool., Leipzig, **76**, 1904, (400–438, mit 2 Taf.); *A. foliacea* (Rud.), Anatomie. **Cohn**, L. *l.c.* (367–387, mit 1 Taf.).

Anthobothrium tortum n. sp. **Linstow**, O. Centralbl. Bakt., Jena, Abt. I, **37**, Originale, 1904, (682).

Bertia forcipata n. sp. **Linstow**, O. *l.c.* (681).

Bothriocephalus latus, topographische Zoologie. **Ratz**, S. Termt. Közl., Budapest, **36**, 1904, (22–28, mit 5 Fig.); *B. latus*, influence upon the gastric juice secretions. **Schaumann**, O. L. and **Grönberg**, J. Hygiea, Stockholm, **66**, 1904, (418–434); *B. ratticola* n. sp. **Linstow**, O. Centralbl. Bakt., Jena, Abt. I, **37**, Originale, 1904, (682).

Catenotaenia n. gen. (*C. pusilla* Goeze). **Janicki**, C. von. Zool. Anz., Leipzig, **28**, 1904, (230–231).

Cittotaenia nn. spp. **Fuhrmann**, O. *l.c.* **27**, 1904, (384–388); *C. quadrata* n. sp. **Linstow**, O. Centralbl. Bakt., Jena, Abt. I, **37**, Originale, 1904, (680).

Coenurus serialis, Gerv. due casi rari. **Parona**, C. Genova, Boll. Musei zool. anat. comp., No. **118**, 1902, (1–6, con 1 fig.); Genova, Atti Soc. ligustica sc. nat. geogr., **13**, 1902, (225–230, con 1 fig.).

Cysticercus cellulosæ subconjunctivalis. **Ask**, F. Lund, 1902, (47 + XLII with pl.); *C. inermis* mit 6 Saugnäpfen. **Lohoff**. Zs. Fleischhyg., Berlin, **12**, 1902. (241).

Davainea nn. spp. **Janicki**, C. von. Zool. Anz., Leipzig, **27**, 1904, (770–782).

Dibothriocephalus latus im Hunde. **Ratz**, S. von. Centralbl. Bakt., Jena, Abt. 1, **36**, Originale, 1904, (384–387).

Dioicocestus acotylus n. sp. **Fuhrmann**, O. Zool. Anz., Leipzig, **27**, 1904, (327–331); Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (131–150, mit 1 Taf.).

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Hymenolepis nn. spp. **Janicki**, C. von. Zool. Anz., Leipzig, **27**, 1904, (770–782); *H.* type, *H. flavopunctata* (= *Taenia murina*). **Stiles**, C. W. Washington, D.C., Treasury Dept., Pub. Hlth. Mar. Hosp. Serv., Hyg. Lab., Bull. No. **13**, 1903, (19–21); *H.* (*Drepanidotaenia*) *podicipina* n. sp. **Szymański**, M. Kraków, Rozpr. Akad., **44** B, 1904, (342–345, av. 1 pl.) (Polish); Kraków, Bull. Intern. Acad., **1904**, (733–735, av. 1 pl.) (Polish and German).

Ichthyotaenia skorikowi n. sp. **Linstow**, O. v. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9**, 1–2, 1904, (17–19).

Ligula intestinalis L., Larven. **Levander**, K. M. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (109–112).

Linstowia brasiliensis n. sp. **Janicki**, C. von. Zool. Anz., Leipzig, **27**, 1904, (770–782); *L. iheringi*† n. sp. **Zschokke**, F. Centralbl. Bakt., Jena, Abt. I, **36**, Originale, 1904, (52).

Moniezia, amitosis. **Child**, C. M. Anat. Anz., Jena, **25**, 1904, (545–558); *M. variabilis* n. sp. **Fuhrmann**, O. Zool. Anz., Leipzig, **27**, 1904, (384–388).

Oochristia nn. spp. **Janicki**, C. von. *l.c.* (770–782).

Schizotaenia n. gen., *S. hagmanni* n. sp. **Janicki**, C. von. *l.c.* (770–782).

Taenia spp., variation. **Engberg**, C. C. Lincoln, Stud. Zool. Lab. Univ. Nebr., **59**, 1904, (429–448); *T.* spp., variation. **Stevenson**, E. C. *l.c.*; *T. cucumerina* bei einem 6 Wochen alten Kinde. **Kohl**, C. Münchener med. Wochenschr., **51**, 1904, (157); *T. cucumerina* s. *elliptica* bei einem 6 Monate alten Kinde. **Sonnenschein**, G. *l.c.* **50**, 1903, (2294–2295); *T. echinococcus*, Beckengeschwülste und Echinococcen der Beckenknochen. Diss. **Kassler**, O. Jena. Mühlhausen i. Thür. (Druck v. Rinneberg & Höller), [1902], (50); *T. echinocus*, über den Verschluss des Ductus choledochus durch Echinokokkenblasen und Heilung durch Choledochotomie und Radikaloperation. **Sasse**, F. Verh. Ges. D. Natf., Leipzig, **75**, (1903), II, 2, 1904, (157–160); *T.* (*Hymenolepis*) *voluta* n. sp. Westafrika. **Linstow**, [O. F. B.] von. Centralbl. Bakt., Jena, Abt. I, **36**, Originale, 1904, (382); *T. echinococcus* im Uterus. (Holländisch) **Vries**, J. de. Amsterdam, 1903, (75 + 3, mit 2 Taf.); *T. saginata*, Multiplizität. **Reiss**, E. Münchener med. Wochenschr., **51**, 1904, (260–261); *T. saginata* beim Menschen. **Riehl**. *l.c.* **50**, 1903, (2292–2294); *T. saginata*. **Vigener**, J. Wiesbaden, Jahrb. Ver. Natk., **56**, 1903, (113–177); *T. serrata*, *T. serialis*, variation. **Engberg**, C. C. Lincoln, Nebr., Univ. Stud., **4**, 1904, (211–230); **Stevenson**, E. C. Lincoln, Nebr., Univ. Stud., **4**, 1904, (191–210, with pl.); *T. sinuosa*, genital organs. **Rosseter**, T. B. London, J. Quek. Microsc. Cl., **2**, No. 55, 1904, (81–90, pl. V); *T. solium*, über schwere Anämie. **Dirksen**, E. D. med. Wochenschr., Berlin, **29**, 1903, (706).

Tatria n. gen., *T. biremis* n. sp., Galicia. **Kowalewski**, M. Kraków, Rozpr. Akad., **44** B, 1904, (284–304, with 2 pls.), (Polish); Kraków, Bull. Intern. Acad., **1904**, (367–369, with 2 pls.) (Polish and French).

Tetrarhynchobothrium fluviatile n. sp. **Linstow**, O. Neue Helminthen. Centralbl. Bakt., Jena, Abt. I, **37**, Originale, 1904, (683).

Trilocularia gracilis. **Odhner**, Th. Zool. Anz., Leipzig, **27**, 1904, (660).

Triplotaenia mirabilis J. E. V. Boas. **Janicki**, C. von. *l.c.* (243–247).

NEMERTINEA.

General.

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Special.

Amphiporus rufostriatus n. sp. Sweden. **Bergendal**, D. Ark. Zool. Stockholm, **1**, 1–2, 1903, (113–114).

Carinoma Oudemans, Bau, und Beiträge zur Systematik der Nemertinen. **Bergendal**, D. Lund, Univ. Årsskr., **39**, 1903, Afd. 2, No. 2, [= Fysiogr. Sällsk. Handl., 14 : 2], (86, with pl.).

Cerebratulus, embryology. **Yatsu**, N. Science, New York, N.Y., (N. Ser.), **20**, 1904, (889–890); *C. albocinctus* n. sp. Sweden. **Bergendal**, D. Ark. Zool., Stockholm, **1**, 1–2, 1903, (142–143).

Eunemertes? spongicola n. sp. Sweden. **Bergendal**, D. Ark. Zool., Stockholm, **1**, 1–2, 1903, (96–99).

Geonemertes agricola, anatomy and development. **Coe**, W. R. Boston, Mass., Proc. Soc. Nat. Hist., **31**, 1904, ([531]–570 + 3 l., with text fig. and pl.).

Lineus nigrobrunneus n. sp. Sweden. **Bergendal**, D. Ark. Zool., Stockholm, 1–2, 1903, (132).

Nectonemertes grimaldii n. sp. Azores. **Joubin**, L. Monaco, Bull. Mus., **1904**, No. 20, (6, with 2 figs.).

Oxypolella alba n. sp. Sweden. **Bergendal**, D. Ark. Zool., Stockholm, **1**, 1–2, 1903, (144–146).

Tetrastemma lophoheliae n. sp. Sweden. **Bergendal**, D. *l.c.* (116).

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MESOZOA.

DICYEMIDAE.

Lohmanella n. nom. = *Lohmannia* Neresh., *L. paradoxa* n. sp. **Neresheimer**, E. Zs. wiss. Zool., Leipzig, **76**, 1904, (137–166, mit 2 Taf.).

Lohmannia n. gen., *L. catenata* n. sp. **Neresheimer**, E. Biol. Centralbl., Leipzig, **23**, 1903, (757–760).

Pelmatosphaera n. gen., *P. polycirri* n. sp., parasite d'une Annélide (*Polycirrus hæmatoides* Clap.) et voisin des Orthonectides. **Caullery**, M. et **Mesnil**, F. Paris, C.-R. Acad. sci., **138**, 1904, (217–219).

Trichoplax.

Trichoplax adhaerens, einige histologische Details. **Stiasny**, G. Zs. wiss. Zool., Leipzig, **75**, 1903, (430–436).

LIST OF NEW GENERA AND SPECIES.

Acrodactyla n. gen. [Trematoda]. Stafford. 129.

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——— *aberrana*. Mell. 90.
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1403 COMPREHENSIVE AND GENERAL WORKS.

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——— *serpenticola.* Linstow. 46.

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——— *weismanni.* Zur Strassen. 93.

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——— *gariazzi.* Camerano. 18.
——— *hawkeri.* Camerano. 17.

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Echinorhynchus [Acanthocephala].
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——— *phœnix.* Schneider. 77.
——— *semermis.* Forssell. 24.

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——— *rivicola.* Corti. 20.

Monhystera [Nematoda].
——— *labiata.* Daday. 22.

Myenchus n. gen. [Nematoda]. Schuberg & Schröder. 79.
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Physaloptera [Nematoda].
——— *dispar.* Linstow. 45.

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——— *erythrinae.* Zimmermann. 92.

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CHÆTOGNATHA. ROTIFERA. GASTROTRICHA. KINORHYNCHA (or ECHINODERA).

TITLES.

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Stevens, N. M. 21. Further studies on the ovogenesis of *Sagitta*.

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dc GERMAN EMPIRE.

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Stylochaeta n. gen. = *Polyarthra fusiformis* Spencer u. *Dasydytes stylifer* Voigt. **Hlava**, S. Zool. Anz., Leipzig, **28**, 1904, (331–336).

LIST OF NEW GENERA AND SPECIES.

Albertia [Rotifera].
——— *bernardi*. Hlava. 11.
Aspidiophorus n. gen. [Gastrotricha]. Voigt. 22.
——— *paradoxus*. Voigt. 22.

CHAETONOTUS [Gastrotricha].
——— *chuni*. Voigt. 22.
——— *linguaeformis*. Voigt. 22.
——— *nodicaudus*. Voigt. 22.
——— *serraticaudus*. Voigt. 22.
——— *succinctus*. Voigt. 22.

COELOPUS [Rotifera].
——— *rousseleti*. Voigt. 22.
——— *uncinatus*. Voigt. 22.

Conochiloides n. gen. [Rotifera]. Hlava. 8.

Cordylosoma n. gen. [Rotifera]. Voigt. 22.
——— *perlucidum*. Voigt. 22.

DASYDYTES [Gastrotricha].
——— *stylifer*. Voigt. 22.

DIASCHIZA [Rotifera].
——— *crassipes*. Lord. 14.

DISTYLA [Rotifera].
——— *ploenensis*. Voigt. 15.

FLOSCULARIA [Rotifera].
——— *conklini*. Montgomery. 16.

ICHTHYDIUM [Gastrotricha].
——— *forcipatum*. Voigt. 22.

Stylochaeta n. gen. [Gastrotricha]. Hlava. 10.

SYNCHAETA [Rotifera].
——— *bicornis*. Smith. 20.

1803

ARCHIANNELIDA.
POLYCHAETA.
MYZOSTOMARIA.
OLIGOCHAETA.
HIRUDINEA.
GEPHYREA.
PHORONIS.

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Allolobophora [Oligochaeta].
——— *spelaea.* Ross. 82.

Antecides n. gen. [Oligochaeta]. Cognetti. 24.
——— *rosae.* Cognetti. 24.

Branchiomma [Polychaeta].
——— *suspiciens.* Ehlers. 30.

Carobia [Polychaeta].
——— *ochracea.* Ehlers. 30.

Chaetogordius n. gen. [Archiannelida]. Moore. 67.
——— *canaliculatus.* Moore. 67.

Chilota [Oligochaeta].
——— *coquimbensis.* Michaelsen. 64.
——— *paessleri.* Michaelsen. 64.
——— *porteri.* Michaelsen. 64.

Cirratulus [Polychaeta].
——— *luxuriosus.* Moore. 66.
——— *spirabranchus.* Moore. 66.

Clymenella [Polychaeta].
——— *insecta.* Ehlers. 30.

Dichogaster [Oligochaeta].
——— *kamerunensis.* Michaelsen. 63.

Diopatra [Polychaeta].
——— *californica.* Moore. 66.

Diporochaeta [Oligochaeta].
——— *aquatica.* Benham. 8.

Distylia [Polychaeta].
——— *rugosa.* Moore. 66.

Enantiodrilus n. gen. [Oligochaeta]. Cognetti. 23, 24.
——— *borellii.* Cognetti. 23, 24.

Enchytraeus [Oligochaeta].
——— *simulans.* Benham. 8.

Euchone [Polychaeta].
——— *alicaudata.* Moore & Busch. 68.

Eunice [Polychaeta].
——— *biannulata.* Moore. 66.

Flabelligera [Polychaeta].
——— *lingulata.* Ehlers. 30.
——— *marenzelleri.* McIntosh. 57.
——— *semiannulata.* Ehlers. 30.

Goniada [Polychaeta].
——— *dorsalis.* Ehlers. 30.

Haplotaxis [Oligochaeta].
——— *heterogyne.* Benham. 8.

Hirudo [Hirudinea].
——— *antipodum.* Benham. 7.

Hypsicomus [Polychaeta].
——— *lyra.* Moore & Busch. 68.

Ilyodrilus [Oligochaeta].
——— *filiformis.* Ditlevsen. 29.
——— *palustris.* Ditlevsen. 29.

Lagisca [Polychaeta].
——— *irritans.* Marenzeller. 59.

LAONOME [Polychaeta].
——— *tridentata*. Moore & Busch. 68.

LEPREA [Polychaeta].
——— *haplochaeta*. Ehlers. 30.

LIMNODRILUS [Oligochaeta].
——— *lucasi*. Benham. 8.
——— *vjdovskyanus*. Benham. 8.

LIPOBRANCHUS [Polychaeta].
——— *capensis*. Willey. 104.

LUMBRICONEREIS [Polychaeta].
——— *erecta*. Moore. 66.

LYCASTIS [Polychaeta].
——— *hawaiiensis*. Johnson. 49.

Lycastoides n. gen. [Polychaeta]. Johnson. 49.
——— *alticola*. Johnson. 49.

MALDANE [Polychaeta].
——— *disparidentata*. Moore. 66.

MARPHYSA [Polychaeta].
——— *purcellana*. Willey. 104.

MESENCHYTRAEUS [Oligochaeta].
——— *parvus*. Ditlevsen. 29.

Metascolex n. gen. [Oligochaeta]. Michaelsen. 63.
——— *fumigatus*. Michaelsen. 63.

MONOPYLEPHORUS [Oligochaeta].
——— *parvus*. Ditlevsen. 29.
——— *trichochaetus*. Ditlevsen. 29.

NANNODRILUS [Oligochaeta].
——— *phreorycles*. Michaelsen. 63.

NEANTHES [Polychaeta].
——— *capensis*. Willey. 104.

NEREIS [Polychaeta].
——— *cricognatha*. Ehlers. 30.
——— *limnicola*. Johnson. 49.
——— *ruficeps*. Ehlers. 30.

NOTIODRILUS [Oligochaeta].
——— *silvestrii*. Rosa. 81.

PACHYDRILUS [Oligochaeta].
——— *claparèdeanus* (?). Ditlevsen. 29.

PALLASIA [Polychaeta].
——— *murata*. Allen. 2.

PANTHALUS [Polychaeta].
——— *mitsukurii*. Izuka. 47.

PARASCOLEX [Oligochaeta].
——— *sjöstedti*. Michaelsen. 63.

PARMENIS [Polychaeta].
——— *capensis*. Willey. 104.

PECTINARIA [Polychaeta].
——— *australis*. Ehlers. 30.

PHOEDRILUS [Oligochaeta].
——— *lacustris*. Benham. 8.
——— *mauiensis*. Benham. 8.

PHORONIS.
——— *mülleri*. Selys-Longchamps. 91.
——— *pacifica*. Torrey. 96.

Physalidonotus n. gen. [Polychaeta]. Ehlers. 30.

PLUTELLUS [Oligochaeta].
——— *lacustris*. Benham. 8.

POLYDORA [Polychaeta].
——— *monilaris*. Ehlers. 30.

POMATOCEROS [Polychaeta].
——— *auritubis*. Moore & Busch. 68.

POTAMILLA [Polychaeta].
——— *acuminata*. Moore & Busch. 68.
——— *laciniosa*. Ehlers. 30.

PROTULA [Polychaeta].
——— *geniculata*. Moore & Busch. 68.

PSAMMORYCTES [Oligochaeta].
——— *fossor*. Ditlevsen. 29.
——— *illustris*. Ditlevsen. 29.

PTEROCIRRUS [Polychaeta].
——— *brevicornis*. Ehlers. 30.

SABELLA [Polychaeta].
——— *japonica*. Moore & Busch. 68.

SCOLOPLOS [Polychaeta].
——— *cylindrifer*. Ehlers. 30.

SPIO [Polychaeta].
——— *aequalis*. Ehlers. 30.

SPIRORBIS [Polychaeta].
——— *argutus*. Busch. 68.
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——— *calvertensis*. Martin. 61.
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——— *foraminosus*. Busch. 68.

Sthenelais [Polychaeta].
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Taupodrilus n. gen. [Oligochaeta]. Benham. 8.
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——— *marinus*. Ditlevsen. 29.
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The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Amalgamata† n. division (of Trepostomata). **Ulrich**, E. O. and **Bassler**, R. S. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (15–55, with pl.).

Amplexopora† nn. spp. Tennessee and Ohio, Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (41–43).

Anaphragma† n. gen., *A. mirabile*† n. sp. Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (49).

Atactopora angularis† n. sp. Ohio, Ordovician. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (32).

Calloporina† n. gen., type *Callopora crenulata*† Ulrich, *C. parva*† n. sp. Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (48).

Constellaria teres† n. sp., *C. florida* var. *emaciata*† n. var. Tennessee, Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (37).

Cyphotrypa n. gen., type *Leptotrypa acervalosa*† Ulrich, *C. frankfortensis*†, *C. wilmingtonensis*† nn. spp. U.S. and Canada, Ordovician and Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (30–31).

Dekayella foliacea† n. sp. Tennessee, Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (28).

Heteropora claviformis n. sp. Antarctic. **Waters**, A. W. Exp. Antarct. Belge. Anvers, 1904, (98–99).

Heterotrypa parvulipora† n. sp. Tennessee, Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (26).

Homotrypella nodosa† n. sp. Tennessee, Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (21).

Integrata† n. division (of Trepostomata). **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (15–55).

Lioclema monroei† n. sp. New York, Devonian. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (39).

Mesotrypa† nn. spp. Southern U. S. and Canada, Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (22–23).

Monotrypa† nn. spp. New Jersey, Ordovician and Silurian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N. J., Rep. Paleont., **3**, 1903, (142, 223, pl. VIII, XVIII and figs.).

Monticulipora epidermata† n. sp. Indiana and Ohio, Ordovician. **Ulrich**, E. O. and **Bassler**, R. S. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (16).

Orbignyella n. gen., *O. sublamellosa*† n. sp. Tennessee, Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (19).

Petigopora offula† n. sp. Ohio, Ordovician. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (32).

Prasopora patera† n. sp. Tennessee, Ordovician. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (20).

Rhombotrypa† n. gen., type *Monotrypella quadrata*† (Rominger). Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (44).

Stigmatella n. gen., *S. crenulata*†, *S. spinosa*†, *S. personata*†, *S. interporosa*†, *S. nana*†, *S. nicklesi*† nn. spp. Indiana and Ohio, Ordovician and Silurian. **Ulrich**, E. O. and **Bassler**, R. S. *l.c.* (34–36).

Cryptostomata.

Ptilodictya† nn. spp. New Jersey, Silurian and Devonian **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (224, 272, pls. XIX, XXVI, figs. 1–4, 4–6).

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Thamniscus orosus† n. sp. Lower Palaeozoic, Mittelbalt. Silurgebiet. **Wiman**, C. Upsala, Bull. Geol. Inst., **5**, 2, 1902, [1902], (181, with pl.).

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Amphiblestrum† nn. spp. Maryland. **Ulrich**, E. O. and **Bassler**, R. S. Maryland Geol. Surv., Miocene, Baltimore, 1904, (413–414).

Beania erecta n. sp. Antarctic. **Waters**, A. W. Exp. Antarct. Belge. Anvers, 1904, (30–31).

Brettia longa n. sp. Antarctic. **Waters**, A. W. *l.c.* (26).

Bugula tricornis n. sp., *B. reticulata* var. *spinosa* n. var. Antarctic. **Waters**, A. W. *l.c.* (22–23).

Catenicella frida n. sp. Antarctic. **Waters**, A. W. *l.c.* (20).

Cellaria lata n. sp. Antarctic. **Waters**, A. W. *l.c.* (38).

Cellarinella n. gen., *C. foveolata*, *C. nodulata*, *C. dubia* nn. spp. Antarctic. **Waters**, A. W. *l.c.* (57–59).

Cellepora† nn. spp. Maryland. **Ulrich**, E. O. and **Bassler**, R. S. Maryland Geol. Surv., Miocene, Baltimore, 1904, (428–429); *C. horneroides* n. sp. Antarctic. **Waters**, A. W. Exp. Antarct. Belge. Anvers, 1904, (73).

Chaperia patulosa n. sp., *C. cylindracea* Busk. var. *protecta* n. var. Antarctic. **Waters**, A. W. *l.c.* (33).

Cribrilina projecta n. sp. Antarctic. **Waters**, A. W. *l.c.* (41–42).

Cyclipora polaris n. sp. Antarctic. **Waters**, A. W. *l.c.* (53).

Escharoides biformata n. sp. Antarctic. **Waters**, A. W. *l.c.* (72).

Flustra flagellata n. sp. Antarctic. **Waters**, A. W. *l.c.* (27).

Glauconome plumula† n. sp. Lower Palaeozoic, Mittelbalt. Silurgebiet. **Wiman**, B. Upsala, Bull. Geol. Inst., **5**, 2, 1901, [1902], (181, with pl.).

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Lunulites† nn. spp. South Australia. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (207–217, with 2 pls.).

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Membranipora. **Lohmann**, H. (Ergebnisse der Plankton-Expedition der Humboldt-Stiftung. Bd IV. N.) Kiel u. Leipzig (Lipsius & Tischer), 1904, (62, mit 7 Taf.); *M.*† nn. spp. Maryland. **Ulrich**, E. O. and **Bassler**, R. S. Maryland Geol. Surv., Miocene, Baltimore, 1904, (407–413); *M.* nn. spp., *M. incrustans*, description. Antarctic. **Waters**, A. W. Exp. Antarct. Belge. Anvers, 1904, (31–32); *M. membranacea* L., variété. **Loppens**, K. Bruxelles, Ann. Soc. roy. malac., **38**, (1903), 1904, (cxlii–cxliii).

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Microporella† nn. spp. Maryland. **Ulrich**, E. O. and **Bassler**, R. S. Maryland Geol. Surv., Miocene, Baltimore, 1904, (415–417); *M.* nn. spp. Antarctic. **Waters**, A. W. Exp. Antarct. Belge. Anvers, 1904, (43–46).

Orthopora n. gen., *O. compacta* n. sp. Antarctic. **Waters**, A. W. *l.c.* (75–76).

Osthimosa clavata n. sp. Antarctic. **Waters**, A. W. *l.c.* (74–75).

Palmicellaria† nn. spp. Maryland. **Ulrich**, E. O. and **Bassler**, R. S. Maryland Geol. Surv., Miocene, Baltimore, 1904, (427–428).

Retepora nn. spp. Antarctic. **Waters**, A. W. Exp. Antarct. Belge. Anvers, 1904, (80–85); *R. doverensis*† n. sp. Maryland. **Ulrich**, E. O. and **Bassler**, R. S. Maryland Geol. Surv., Miocene, Baltimore, 1904, (422).

Schizoporella† nn. spp. Maryland. **Ulrich**, E. O. and **Bassler**, R. S. Maryland Geol. Surv., Miocene, Baltimore, 1904, (419); *S. gelida* n. sp. Antarctic. **Water**, A. W. Exp. Antarctic Belge. Anvers, 1904, (52–53).

Scrupocellaria antarctica n. sp. **Waters**, A. W. *l.c.* (25).

Selenaria† nn. sp. **Maplestone**, C. M. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (207–217, with 2 pls.); *S. punctata*†, T. Woods. **Maplestone**, C. M. *l.c.* (207–217, with 2 pls.).

Smitia crozetensis n. nom.; nn. spp. Antarctic. **Waters**, A. W. Exp. Antarct. Belge. Anvers, 1904, (64–72).

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Alcyonidium antarcticum n. sp. Antarctic. **Waters**, A. W. Exp. Antarct. Belge. Anvers, 1904, (85–86); *A. gelatinosum*, Frantz-Josef Land, characters. **Waters**, A. W. London, Trans. Linn. Soc. Zool., **29**, 1904, (179, pl. XX, fig. 7, pl. XXI, figs. 6, 7).

LIST OF NEW GENERA AND SPECIES.

ACROTHELE [Brachiopoda].
——— *villaboimensis* †. Delgado. 18.

ALCYONIDIUM [Bryozoa].
——— *antarcticum*. Waters. 69.

Amalgamata † n. division [Bryozoa]. Ulrich and Bassler. 65.

AMPHIBLESTRUM [Bryozoa].
——— *agellus* †. Ulrich and Bassler. 66.
——— *constrictum* †. Ulrich and Bassler. 66.

AMPLEXOPORA [Bryozoa].
——— *ampla* †. Ulrich and Bassler. 65.
——— *columbiana* †. Ulrich and Bassler. 65.
——— *cylindracea* †. Ulrich and Bassler. 65.

Anaphragma † n. gen. [Bryozoa]. Ulrich and Bassler. 65.
——— *mirabile* †. Ulrich and Bassler. 65.

ANOPLOTHECA [Brachiopoda].
——— *congregata* †. Kindle and Breger. 39.

ATACTOPORA [Bryozoa].
——— *angularis* †. Ulrich and Bassler. 65.

ATHYRIS [Brachiopoda].
——— *aliena*. Dreverman. 22.

BEANIA [Bryozoa].
——— *erecta*. Waters. 69.

BOUCHARDIA [Brachiopoda].
——— *patagonica*. Ihering. 35.

BRETTIA [Bryozoa].
——— *longa*. Waters. 69.

BUGULA [Bryozoa].
——— *tricornis*. Waters. 69.
——— *reticulata* var. *spinosa* n. var. Waters. 69.

Calloporina n. gen. [Bryozoa]. Ulrich and Bassler. 65.
——— *parva*†. Ulrich and Bassler. 66.

CAMARELLA [Brachiopoda].
——— *inornata*†. Weller. 71.
——— *törnquisti*†. Wiman. 72.

CATENICELLA [Bryozoa].
——— *frida*. Waters. 69.

CELLARIA [Bryozoa].
——— *lata*. Waters. 69.

Cellarinella n. gen. [Bryozoa]. Waters. 69.
——— *dubia*. Waters. 69.
——— *foveolata*. Waters. 69.
——— *nodulata*. Waters. 69.

CELLEPORA [Bryozoa].
——— *cribrosa*†. Ulrich and Bassler. 66.
——— *horneroides*. Waters. 69.
——— *massalis*† n. sp. Ulrich and Bassler. 66.

CENTRONELLA [Brachiopoda].
——— *biplicata*†. Weller. 71.
——— *subrhomboidea*†. Weller. 71.

CHAPERIA [Bryozoa].
——— *cylindracea* var. *protecta* n. var. Waters. 69.
——— *patulosa*. Waters. 69.

CHONETES [Brachiopoda].
——— *robustus*. Raymond. 56.

CONCHIDIUM [Brachiopoda].
——— *trilobatum*†. Kindle and Breger. 39.

CONSTELLARIA [Bryozoa].
——— *florida* var. *emaciata*† n. var. Ulrich and Bassler. 65.
——— *teres*† n. sp. Ulrich and Bassler. 65.

CRANAENA [Brachiopoda].
——— *subelliptica* var. *hardingensis*† n. var. Girty. 26.

CRANIA [Brachiopoda].
——— *tetrica*†. Böhm. 6.

CRIBRILINA [Bryozoa].
——— *projecta*. Waters. 69.

CRISINA [Bryozoa].
——— *striatopora*†. Ulrich and Bassler. 66.

CRISINELLA [Bryozoa].
——— *oeilensis*†. Wiman. 72.

CYCLICOPORA [Bryozoa].
——— *polaris*. Waters. 69.

Cyphotrypa n. gen. [Bryozoa]. Ulrich and Bassler. 65.
——— *frankfortensis*†. Ulrich and Bassler. 65.
——— *wilmingtonensis*†. Ulrich and Bassler. 65.

CYRTINA [Brachiopoda].
——— *magnaplicata*†. Weller. 71.

DALMANELLA [Brachiopoda].
——— *postelegantula*†. Weller. 71.

DEKAYELLA [Bryozoa].
——— *foliacea*†. Ulrich and Bassler. 65.

DIASTOPORA [Bryozoa].
——— *obelia* var. *arctica* n. nom. Waters. 68.
——— *solida*. Waters. 69.

DIDYMOSPIRA [Brachiopoda].
——— *octo-plicata*†. Philipp. 55.
——— *pachygaster*†. Philipp. 55.
——— *salomoni*†. Philipp. 55.

DISCINA [Brachiopoda].
——— *barentsi*†. Böhm. 7.

EATONIA [Brachiopoda].
——— *goodlandensis*†. Kindle and Breger. 39.

ESCHAROIDES [Bryozoa].
——— *biformata*. Waters. 69.

ESCHAROPORA [Bryozoa].
——— *siluriana*. Weller. 71.

FLUSTRA [Bryozoa].
——— *flagellata*. Waters. 69.

GLAUCONOME [Bryozoa].
——— *plumula*†. Wiman. 72.

GYPIDULA [Brachiopoda].
——— *angulata*†. Welller. 71.

HETEROPORA [Bryozoa].
——— *claviformis*. Waters. 69.

HETEROTRYPA [Bryozoa].
——— *parvulipora*†. Ulrich and Bassler. 65.

HOMOTRYPELLA [Bryozoa].
——— *nodosa*†. Ulrich and Bassler. 65.

HORNERA [Bryozoa].
——— *antarctica*. Waters. 69.

HYATTELLA [Brachiopoda].
——— ? *lamellosa*†. Weller. 71.

IDMONEA [Bryozoa].
——— (?) *expansa*†. Ulrich and Bassler. 66.

Integrata† n. division [Bryozoa]. Ulrich and Bassler. 65.

LEPRALIA [Bryozoa].
——— *frigida*. Waters. 69.
——— *maculata*†. Ulrich and Bassler. 66.
——— *marylandica*†. Ulrich and Bassler. 66.
——— *montifera*†. Ulrich and Bassler. 66.
——— (?) *reversa*†. Ulrich and Bassler. 66.

LICHENOPORA [Bryozoa].
——— *octoradiata*. Waters. 69.

LINGULEPIS [Brachiopoda].
——— *lusitanica*†. Delgado. 18.

LIOCLEMA [Bryozoa].
——— *monroei*†. Ulrich and Bassler. 65.

Lophopodella n. gen. [Bryozoa]. Rousselet. 59.
——— *thomasi*. Rousselet. 59.

LUNULITES [Bryozoa].
——— *patelliformis*†. Maplestone. 47.
——— *repandus*†. Maplestone. 47.

MAGELLANIA [Brachiopoda].
——— *ameghinoi*†. Ihering. 36.

MARGINIFERA [Brachiopoda].
——— *ingrata*†. Girty. 26.
——— *haydenensis*†. Girty. 26.

MEGAPORA [Bryozoa].
——— *hyalina*. Waters. 69.

MEMBRANIPORA [Bryozoa].
——— *bifoliata*†. Ulrich and Bassler. 66.
——— *caminosa*†. Ulrich and Bassler. 66.
——— *fistula*†. Ulrich and Bassler. 66.
——— *fossulifera*†. Ulrich and Bassler. 66.
——— *germana*†. Ulrich and Bassler. 66.
——— *nitidula*†. Ulrich and Bassler. 66.
——— *oblongula*†. Ulrich and Bassler. 66.
——— *parrula*†. Ulrich and Bassler. 66.
——— *strigosa*. Waters. 69.
——— *uniserialis*. Waters. 69.

MESOTRYPA [Bryozoa].
——— *angularis*†. Ulrich and Bassler. 65.
——— *echinata*†. Ulrich and Bassler. 65.

METAPLASIA [Brachiopoda].
——— *plicata*†. Weller. 71.

MICROPORA [Bryozoa].
——— *brevissima*. Waters. 69.

MICROPORELLA [Bryozoa].
——— (?) *bifoliata*†. Ulrich and Bassler. 66.
——— *exigua*. Waters. 69.
——— *inflata*†. Ulrich and Bassler. 66.
——— *parvipora*. Waters. 69.
——— *praeciliata*†. Ulrich and Bassler. 66.
——— *proxima*. Waters. 69.
——— *trinervis*. Waters. 69.

MONOTRYPA [Bryozoa].
——— *corrugata*†. Weller 71.
——— *globosa*†. Weller. 71.

MONTICULIPORA [Bryozoa].
——— *epidermata*†. Ulrich and Bassler. 65.

Orbignyella n. gen. [Bryozoa]. Ulrich and Bassler. 65.
——— *sublamellosa*†. Ulrich and Bassler. 65.

ORTHIS [Brachiopoda].
——— *newtonensis*†. Weller. 71.

Orthopora n. gen. [Bryozoa]. Waters. 69.
——— *compacta*. Waters. 69.

ORTHOTETES [Brachiopoda].
——— *deckerensis*†. Weller. 71.
——— *ingens* n. nom. Dreverman. 22.

ORTHOTICHIA [Brachiopoda].
——— *schuchertensis*†. Girty. 26.

OSTHIMOSA [Bryozoa].
——— *clavata*. Waters. 69.

PALMICELLARIA [Bryozoa].
——— *convoluta*†. Ulrich and Bassler. 66.
——— *punctata*†. Ulrich and Bassler. 66.

PENTAMERUS [Brachiopoda].
——— *circularis*†. Weller. 71.
——— *oblongus* var. *compressa*† n. var. Kindle and Breger. 39.

PETIGOPORA [Bryozoa].
——— *offula*†. Ulrich and Bassler. 65.

PHOLIDOSTROPHIA [Brachiopoda].
——— *niagarensis*†. Kindle and Breger. 39.

PRASOPORA [Bryozoa].
——— *patera* †. Ulrich and Bassler. 65.

PRODUCTUS [Brachiopoda].
——— *semireticulatus* var. *hermosanus* † n. var. Girty. 26.

PTILODICTYA [Bryozoa].
——— *frondosa* †. Weller. 71.
——— *lobata* †. Weller. 71.

RENSSELAERIA [Brachiopoda].
——— *larinatella* †. Fuchs. 24.
——— *confluentina* †. Fuchs. 24.
——— *robustella* †. Fuchs. 24.
——— *posthuma* †. Fuchs. 24.
——— *subglobosus* †. Weller. 71.

RETEPORA [Bryozoa].
——— *antarctica*. Waters. 69.
——— *doverensis* †. Ulrich and Bassler. 66.
——— *frigida*. Waters. 69.
——— *gelida*. Waters. 69.
——— *hippocrepis*. Waters. 69.
——— *laevigata*. Waters. 69.
——— *lepralioides*. Waters. 69.
——— *protecta*. Waters. 69.

RETICULARIA [Brachiopoda].
——— *proxima* †. Kindle and Breger. 39.

RETZIA [Brachiopoda].
——— *arctica* †. Böhm. 7.

RHINIDICTYA [Bryozoa].
——— (?) *borkholmiensis* †. Wiman. 72.

RHIPIDOMELLA [Brachiopoda].
——— *preoblata* †. Weller. 71.

Rhombotrypa † n. gen. [Bryozoa]. Ulrich and Bassler. 65.

RHYNCHONELLA [Brachiopoda].
——— *agglomerata* †. Weller. 71.
——— *breviplicata* †. Weller. 71.
——— *caressae* †. Philipp. 55.
——— *deckerensis* †. Weller. 71.
——— *patagonica* †. Ihering. 36.
——— *richthofeni*. Philipp. 55.
——— *suessi* †. Philipp. 55.

RHYNCHOTRETA [Brachiopoda].
——— *transversa* †. Weller. 71.

SCHIZOPHORIA [Brachiopoda].
——— *bisinuata* †. Weller. 71.

SCHIZOPORELLA [Bryozoa].
——— *cumulata* †. Ulrich and Bassler. 66.
——— *doverensis* †. Ulrich and Bassler. 66.
——— *gelida*. Waters. 69.
——— *latisinuata* †. Ulrich and Bassler. 66.
——— *subquadrata* †. Ulrich and Bassler. 66.

Schuchertella n. nom [Brachiopoda]. Girty. 25A.

SCRUPOCELLARIA [Bryozoa].
——— *antarctica*. Waters. 69.

SELENARIA [Bryozoa].
——— *bimorphocella* †. Maplestone. 47.
——— *hexagonalis* †. Maplestone. 47.
——— *partipunctata* †. Maplestone. 47.

SKENIDIUM [Brachiopoda].
——— (?) *nodocostatum* †. Rowley. 61.

SMITIA [Bryozoa].
——— *antarctica*. Waters. 69.
——— *conspicua*. Waters. 69.
——— *crassatina*. Waters. 69.
——— *crozetensis* n. nom. Waters. 69.
——— *dentata*. Waters. 69.
——— *directa*. Waters. 69.
——— *gelida*. Waters. 69.
——— *inclusa*. Waters. 69.
——— *pileata*. Waters. 69.
——— *praestita*. Waters. 69.
——— *reptans*. Waters. 69.
——— *tripora*. Waters. 69.

SPIRIFER [Brachiopoda].
——— *nearpassi* †. Weller. 71.
——— *vanuxemi* var. *minor* n. var. †. Weller. 71.

SPIRIFERINA [Brachiopoda].
——— *lindströmi* †. Böhm. 7.
——— *lundgreni* †. Böhm. 7.

Stigmatella n. gen. [Bryozoa]. Ulrich and Bassler. 65.
——— *crenulata* †. Ulrich and Bassler. 65.
——— *interporosa* †. Ulrich and Bassler. 65.
——— *nicklesi* †. Ulrich and Bassler. 65.
——— *nana* †. Ulrich and Bassler. 65.
——— *personata* †. Ulrich and Bassler. 65.
——— *spinosa* †. Ulrich and Bassler. 65.

STOMATOPORA [Bryozoa].
——— *antarctica*. Waters. 69.
——— *divergens*. Waters. 69.

STROPHEODONTA [Brachiopoda].
——— *herculea* n. nom. Dreverman. 22.

STROPHONELLA [Brachiopoda].
——— *williamsi*†. Kindle and Breger. 39.

Systenopora n. gen. [Bryozoa]. Waters. 69.
——— *contracta*. Waters. 69.

TEREBRATELLA [Brachiopoda].
——— *lahillei*†. Ihering. 36.
——— *tehuelcha*†. Ihering. 36.
——— *venter*†. Ihering. 36.
——— ——— var. *piramidesia*† n. var. Ihering. 36.

TEREBRATULA [Brachiopoda].
——— *teres*†. Böhm. 7.

TEREBRATULINA [Brachiopoda].
——— *ortmanni*†. Ihering. 36.
——— *radula*. Hedley. 28.

THAMNISCUS [Bryozoa].
——— *orosus*†. Wiman. 72.

THEONOA [Bryozoa].
——— *glomerata*†. Ulrich and Bassler. 66.

TRIGERIA [Brachiopoda].
——— (?) *oehlerti*. Dreverman. 22.

WILSONIA [Brachiopoda].
——— *globosa*†. Weller. 71.

2203-2231 MOLLUSCA.

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Woods, H. A. A monograph of the cretaceous Lamellibranchs of England. London, Monogr. Palaeont. Soc., **2,** Pt. 1, 1904, (1–56, pls. I–VII).

PROTOBRANCHIATA.

General.

Borissiak, A. Die Pelecypoden der Jura-Ablagerungen im europaischen Russland. I. *Nuculidae.* St. Peterburg, Mem. Com. Geolog., (N. ser.), No. **11,** 1904, (49, with 3 pls.).

Special.

Ctenodonta geikiei † n. sp. Portugal. **Delgado,** J. F. N. Lisboa, Com. Trab. Geol., **5,** 1904, (363); *C. jerseyensis* † n. sp. New Jersey, Ordovician. **Weller,** S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont, **3,** 1903, (164, pl. XI, fig. 17).

Leda levini † n. sp. Germany. **Wolleman,** A. Berlin, Jahrb. geol. Landesant., **24,** (1903), 1904, (22–42); *L. medusae* † n. sp. Europäischer Russland. **Borissiak,** A. St. Peterburg, Mem. Com. geolog., (N. Ser.), No. **11,** 1904, (20–21); *L. prendeli* † n. sp. Russia. **Andrusov,** N. Mater. geol. Ross., St. Peterburg, **21,** 1904, (255–381); *L. substriatula* † n. sp. **Oppenheim,** P. *In*: Esch, Beiträge, Geol. Kamerun, Stuttgart, **1904,** (243–285); *L. volgensis* † n. sp. Saratov district. **Archangelskij,** A. Mater. geol. Ross., St. Peterburg, **22,** 1904, (80, pl. II).

Nucula† nn. spp. Saratov district. **Archangelskij,** A. *l.c.* (75–78, pl. II); *N.*† nn. spp. Europäischer Russland. **Borissiak,** A. St. Peterburg, Mem. Com. geolog., (N. Ser.), No. **11,** 1904, (8–18); *N* nn. spp. Cape Good Hope. **Sowerby,** G. B. Cape Town, Marin. Invest., **4,** 1904, (7, pl. VI. fig. 12); *N. hedleyi* n. nom. for *N. minuta* Woods non Gould. **Pritchard,** G. B. and **Gatliff,** J. H. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17,** 1904, (237); *N. moeridis*† n. sp. Tertiar, Aegypten. **Oppenheim,** P. Palaeontographica, Stuttgart, **30,** 1903, Abt. 3, (82–83); *N. nucleus,* nervous system. **Burne,** R. H. London, Proc. Malac. Soc., **6,** 1904, (41–47, with figs.); *N. perkëo* † n. sp. **Oppenheim,** P. *In*: Esch, Beiträge Geol. Kamerun, Stuttgart, **1904,** (243-285); *N. sejugata*† n. sp **Etheridge, R.** Sydney, N.S.W., Rec. Austr. Mus., **5,** 1904, (108, pl. XIV. fig. 9, pl. XV. fig. 5); *N. cf. taliabutica*† n. sp. Niederländische-Indien. **Boehm,** G. Palaeontographica, Stuttgart, 1904, Suppl. IV, Lfg. 1, (46); *N. triangularis*† n. sp. Bäreninsel, Trias. **Böhm,** J. Stockholm, Vet.-Ak. Handl., **37,** No. 3, 1903, (41, with pl.).

Nuculana does not replace *Leda.* **Jukes-Browne,** A. J. J. Conch., Leeds, **11,** 1904, (100); *N.* nn. spp. Natal. **Sowerby,** G. B. Cape Town, Marin. Invest., **4,** 1904, (5–6, pl. VI, figs. 8–10); *N. belcheri* Hinds. Cape Good Hope, mentioned and figured. **Sowerby,** G. B. *l.c.* (5, pl. VI, fig. 7).

Palaeoneilo† nn. spp. Bäreninsel. Trias. **Böhm,** J. Stockholm, Vet.-Ak. Handl., **37,** No. 3, 1903, (40–41, with pl.); *P.*† nn. spp. Europäischer Russland. **Borissiak,** A. St. Peterburg,

Mem. Com. geolog., (N. Ser.), No. **11**, 1904, (4–6); *P.*† nn. spp. New York. Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 1 + [199]–454).

Phaenodesmia† nn. spp. Europäischer Russland. **Borisiak**, A. St. Peterburg, Mem. Com. geolog., (N. Ser.), No. **11**, 1904, (25–26).

Poroleda tatei nom. mut. (syn. *P. lanceolata*, Tate non Hutton). **Hedley**, C. Vict. Nat., Melbourne, **21**, 1904, (112).

Yoldia† nn. spp. Alaska. **Dall**, W. H. *In*: Alaska (Harriman Expedition), edited by C. Hart Merriam, Vol. 4. New York, 1904, ([97]–122, with pl.); *Y. keppeliana* n. sp. hab. incert. **Sowerby**, G. B. London, Proc. Malac. Soc., **6**, 1904, (176, with fig.).

FILIBRANCHIATA.

Arca† nn. spp. Tertiar, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (86–92); *A.*† Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (98–235); *In*: Esch, Beiträge Geol. Kamerun, Stuttgart, **1904**, (243–285); *A.* (*Scapharca*) *africana* n. sp. Natal. **Sowerby**, G. B. Cape Town, Marin. Invest., **4**, 1904, (4, pl. VI. fig. 4); *A. algermissensis*† n. sp. Germany. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22–42); *A. kobeltiana* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (559); *A. litcikei* Dunker, is the species hitherto erroneously known as *A. trapezia* Desh. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (203, pl. IX, fig. 29–34); *A. madridensis*† n. sp. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173–246, with pl.); *A. pistachia* Lamarck, synonymous with *A. radula* Smith. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (202); *A.* (*Scapharca*) *elnia*† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.); *A. tirolensis*† n. sp. Alps. **Broili**, F. Palaeontographica. Stuttgart, **50**, 1904, (147–235).

Arcoptera† nn. spp. Alps. **Broili**, F. *l.c.* (145–227).

Barbatia v. Arca.†

Crenella† nn. spp. Maryland. **Glenn**, L. C. Maryland, Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.); *C. striatissima* n. sp. Natal. **Sowerby**, G. B. Cape Town, Marin. Invest., **4**, 1904, (3, pl. VI. fig. 1).

Cucullaea† nn. spp. Saratov district. **Archangelskij**, A. Mater geol. Ross., St. Peterburg, **22**, 1904, (68–72, pl. II); *C.*† nn. spp. Alps. **Broili**, F. Palaeontographica, Stuttgart, **50**, 1904, (145–227); *C. concamera*. Bruguière. Australian distribution. *C. concamerata* (Mart.) Auct. is a synonym. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (201); *C. dimehensis*† n. sp. Tertiar, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (85); *C.* (*Macrodon?*) *cherieanus*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (39–40, with pl.); *C. rocana*† n. sp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (204).

Glycymeris stands for *Pectunculus*. **Jukes-Browne**, A. J. J. Conch., Leeds, **11**, 1904, (101).

Hochstetteria nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (42, with figs.); *H. trapezina* Bernard synonymous with *Myrina minuta* Smith. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (89).

Hoferia compressa†. n. sp. Alps. **Broili**, F. Palaeontographica, Stuttgart, **50**, 1904, (147–235).

Limopsis pumilio n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (43, fig.); *L. thebaica*† n. sp. Tertiar, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (95).

Lithodomus† nn. spp. Tertiar, Aegypten. **Oppenheim**, P. *l.c.* (78–80).

Lithophaga ionensis† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.).

Macrodon† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (39, with pl.); *M.*† nn. spp. Alps. **Broili**, F. Palaeontographica, Stuttgart, **50**, 1904, (147–227).

Megambonia parva† n. sp. New Jersey. Devonian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (333, pl. XLIII, fig. 12).

Modiola sambasensis n. sp. Borneo. **Dautzenberg**, P. Bruxelles, Ann. soc. roy. malac., **38**, (1903), 1904, (Mém. 7–8); *M. tenerrima* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (42, fig.).

Modiolaria curta† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.); *M. fraasi* † n. sp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (80–81).

Modiolus nn. spp. Alaska. **Dall**, W. H. Alaska (Harriman Expedition), New York, **4**, 1904, ([97]–122, with pl.); *M.*† nn. spp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.).

Myophoria acuticostata† n. sp. Alps. **Broili**, F. Palaeontographica, Stuttgart, **50**, 1904, 147–225); *M. urd* † n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (43, with pl.).

Myrina indica n. sp. off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (11).

Mysidioptera† nn. spp. **Broili**, F. Palaeontographica, Stuttgart, **50**, 1904, (147–227); *M. buchi*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (21, with pl.).

Mytilus† nn. spp. Tertiar, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (77–78); *M. crosus* Lamarck synonymous with *M. menkeanus* Phil. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (200); *M. diepenheimi*† n. sp. Niederländische-Indien. **Boehm**, G. Palaeontographica, Stuttgart, 1904, Suppl. iv, Lfg. 1, (46).

Pectunculus† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. *l.c.* **30**, 1903, Abt. 3, (94–95); *P. triangulus*† n. sp. Saratov district. **Archangelïskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (73, pl. IV).

Plethomytilus cunextus† n. sp. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat Res., Indianapolis, **28**, (1903), 1904, (428–486, with pl.).

Pleurodon maorianus n. sp. New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (82, fig. 14).

Pseudocucullaea n. gen., *P. lens*†, *P. obliqua*†, *P. incisa*† nn. spp. **Solger**, F. Berlin, Zs. D. geol. Ges., **5**, 1903, Protokolle, (76–83).

Schizodus planus Golov†, représentant paléozoique des *Crassatellitidae*. **Jakovlev**, N. St. Peterburg, Bull. Com. géolog., **21**, 1904, (755–759, pl. X).

Trigonia† sp. ind. notes, *T. moorei*†, notes. **Etheridge**, R. *jun.* Sydney, N.S.W. Rec. Austr. Mus., **5**, 1904, (249, pl. XXVII, figs. 1, 2); *T. margaritifera*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (43–44, with pl.).

Volsella Scopoli, should be dropped. **Jukes-Browne**, A. J. J. Conch., Leeds, **11**, 1904, (97–103).

PSEUDOLAMELLIBRANCHIATA.

General.

Doncieux, L. Remarques paléontologiques sur quelques huîtres miocènes du Sud-Est de l'Aude. Paris, Bul. soc. géol., (sér. 4), **3**, 1904, (706–710).

Dubois, R. Sur les perles de nacre. Paris, C.-R. Acad. sci., **138**, 1904, (583–584).

———— Sur le mécanisme sécrétoire producteur des perles. *l.c.* (708–710).

———— Sur l'acclimatation et la culture méthodique des huîtres perlières vraies et la production intensive des perles fines. Paris, C.-R. soc. biol., **55**, 1903, (1208–1209).

Giard, A. L'origine parasitaire des perle d'après les recherches de M. G. Seurat. *l.c.* (1222–1225).

———— Sur la production volontaire des perles fines ou margarose artificielle. *l.c.* (1225–1226).

———— L'épithélium sécréteur des perles. *l.c.* (1618–1620).

SPECIAL.

Acanthopecten† n. subgen. (of *Aviculopecten* (or *Lima* ?); type, *Aviculopecten carboniferus* Stevens). Colorado. **Girty**, G. H. Washington, D.C., Dept. Int., U. S. Geol. Surv., Prof. Paprs., No. **16**, 1903, (417).

Actinopteria reticulata† n. sp. New Jersey. Silurian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (245, pl. XXII, fig. 3); *A. sola*† n. sp. New York. Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l + [199]–454).

Anopaea† nn. spp. Niederländische-Indien. **Boehm**, G. Palaeontographica. Stuttgart, 1904, Suppl. IV, Lfg. 1, (46)

Atrina piscatoria† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.).

Aucella strongi† n. sp. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173–246, with pl.).

Avicula† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (25–26, with pl.); *A.*† nn. spp. Alps. **Broili**, F. Palaeontographica, Stuttgart, **50**, 1904, (145–227); *A. huberti*† n. sp. Lias, Nordwestdeutschland. **Hoyer**. Centralbl. Min., Stuttgart, **1904**, (385–389); *A. subaczyensis*† n. sp. Saratov district. **Archangelskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (65–66, pl. II).

Aviculopecten tenuistriatus† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (23–24, with pl.).

Bakewellia ursina† n. sp. Bäreninsel. Trias. **Böhm**, J. *l.c.* (34–35, with pl.).

Cassianella rosenbusch† n. sp. **Philipp**, H. Berlin, Zs. D. geol. Ges. **56**, 1904, Aufsätze, (1–98, mit 6 Taf.); *C. tectiformis*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, (29, with pl.).

Chlamys nn. spp. Natal. **Sowerby**, G. B. Cape Town, Marin. Invest., **4**, 1904, (2, pl. VI, figs. 3–6); *C. salamanca*† n. sp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (214–215).

Cyclopecten aviculoides (Smith) added to New Zealand fauna. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (87); *C. nepeanensis* n. sp. Victoria. **Pritchard**, G. B. and **Gatliff**, J. H. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (338–339, with 1 pl.).

Dacrydium fabale n. sp. N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **26**, 1904, (199, pl. X, fig. 39).

Daonella lovéni† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **57**, No. 1903, (33–34, with pl.).

Dimyodon patera† n. sp. Bäreninsel. Trias. **Böhm**, J. *l.c.* (18, with pl.).

Endocostea brooksi† n. sp. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173–246, with pl.).

Exogyra callophylla† n. sp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (199–201).

Gervillia†. nn. spp. Alps. **Broili**, F. Palaeontographica, Stuttgart, **50**, 1904, (145–227); *G.*† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak., Handl., **37**, No. 3, 1903, (35-37, with pl.); *G. spinosa*† n. sp. **Linstow**, O. von. Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (99–121).

Gryphaea† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (16–17, with pl.); *G. concors*†, *G. pyrotheriorum*† Ih., description, *G. rocana*† n. sp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (198–199, 210–213); *G. pharaonum*† n. sp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (13).

——— *v. Ostrea.*

Honeoyea† n. gen. related to *Pterochaenia*; *H. erinacea*†, *H. major*†, *H, styliophora*†, *H. simplex*†, *H. desmata*†. nn. spp. New York. Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l + [199]–454).

Inoceramus† nn. spp. **Flegel**, K. Centralbl. Min., Stuttgart, **1904**, (395–399); *I. irregularis*† n. sp. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173–246, with pl.).

Inoceramya n. gen., *I. concentrica*† n. sp. Alaska **Ulrich**, E. O. Alaska (Harriman Expedition). New York, 4, 1904, ([123]–146, with pl.).

Kochia uugula† n. sp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]–454).

Lima† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl. **37**, No. 3, 1903, (18–21, with pl.); *L.* (*Limatula*)† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (57–59); *L. alata* Hedley, added to the Queensland fauna. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **20**, 1904, (201); *L. bassii* Tenison Woods, a miocene fossil discovered as a recent species. **Hedley**, C. Sydney, N.S.W., *l.c.* (201, pl. IX, fig. 28); *L. perfecta* n sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (43, with fig.); *L. schmeisseri* n. sp. **Wolleman**, A. Berlin, Abh. geol. Landesanst., (N.F.), **37**, 1902, (129); *L. sydneyensis* nom. mut. new name for *Lima brunnea* Hedley, not Cooke. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (200); *L. zitteli*† n. sp. **Brolli**, F. Palaeontographica, Stuttgart, **50**, 1904, (145–227).

Limatula v. *Lima*†.

Limipecten† n. gen., *L. texanus* n. sp. *L. texanus* var. *grandicostatus* n. var. Carboniferous. **Girty**, G. H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc, **27**, 1904, (721–736, with 3 pls.).

Loxopteria† nn. spp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]–454).

Lunulicardium† nn. spp. New York, Devonian. **Clarke**, J. M. *l.c.* (1 l + [199]–454).

Mytilarca obliqua† n. sp. New Jersey. Silurian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (245, pl. XXII, fig. 8).

Nothamusium† n. gen. for *N. radiatum*, *N. transversum*† nn. spp. Carboniferous, Brit. Is. **Hind**, W. London, Monogr. Palaeont. Soc., **2**, pt. 3, 1904, (159).

Ostrea (*Gryphaea*)† nn. spp. Tertiär, Aegypten. **May-Eym** and **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (16–45); *O. anomioides* var. *nanus*† n. var. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173–246, with pl.); *O.*† nn. spp. **Wolleman**, A. Berlin, Abh. geol. Landesanst., (N.F.), **37**, 1902, (129); *O. calceoformis*† n. sp. Alps. **Brolli**, F. Palaeontographica, Stuttgart, **50**, 1904, (145-227); *O. choffati*† n sp. **Oppenheim**, P. *In*: Esch., Beiträge Geol. Kamerun, Stuttgart, **1904**, (243-285); *O. circumpicta* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (559, with pl.); *O. edulis*, cultivation on the west coast of Sweden. **Wollebæk**, A. Stockholm, Landtbr.-Ak. Handl., **42**, 1903, (402–431, with pl.); *O. hemisphaerica*† D'Orb., description and nn. spp. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (201–202, 213–214).

Paraptyx† n. gen. related to *Pterochaenia*, *P. ontario*† n. sp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]–454).

Pecten, variation. **Davenport**, C. B. Parker, G. H., *ed.*, Mark Anniversary Volume, New York, 1903, ([121]–136, with 1 pl.); *P.*† nn. spp. Tomakowka. **Michajlovskij**, G. St. Peterburg, Mém. Com. géolog., **13**, No. 4, 1903, (26–31, pl. I); *P.*† nn. spp. **Oppenheim**, P. Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (98–235, mit Taf.); *P.*† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (52–55); *P.*† nn. spp. **Philipp**, H. Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (1–98, mit 6 Taf.); *P. alcocki* n. sp. off South India. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (13); *P.* (*Bittnerella*) *damesi*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl, **37**, No. 3, 1903, (22–23, with pl.); *P.* (*Chlamys*) *farreri* n. sp. Shantung. **Jones**, K. H. and **Preston**, H. B. London, Proc. Malac. Soc., **6**, 1904, (149, fig.); *P. frigidus* n. nom. Denmark. **Jensen**, A. S. Kjöbenhavn, Nath. Medd., **1904**, (304–311); *P. irradians*, sense organs. **Hyde**, J. H. Parker, G. H., *ed.*, Mark Anniversary Volume, New

York, N.Y., 1903, (1471]–482, with 1 pl.); *P.* (*Pseudamusium*) *subminutus*† n. sp. Mississippi Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 903, (99–101, with pl.).

Philippiella rubra n. sp., N. S. Wales and Tasmania. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (207, pl. X, figs. 44–47).

Philobrya inornata n. sp. N. S. Wales. **Hedley**, C. *l.c.* (207, pl. X, figs. 40–43).

Pinna† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (38, with pl.); *P. ecki*† n. sp. Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (333–336, mit Taf.); *P. squamifera* n. sp. Cape Good Hope. **Sowerby**, G. B. Cape Town, Marin. Invest., **4**, 1904, (3).

Plicatula† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (61–62).

Posidonia venusta Münster var. *nitidula*† n. var., *P. marcellensis*† n. sp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]–454).

Posidonomya? plana† n. sp. **Philipp**, H. Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (1–98, mit 6 Taf.); *P.? malladai*† n. sp. Portugal. **Delgado**, J. F. N. Lisboa, Com. Trab. Geol., **5**, 1904, (357–358).

Prospondylus† nn. spp. Alps. **Broili**, F. Palaeontographica, Stuttgart, **50**, 1904, (145–227).

Pseudomonotis bittneri† n. sp. **Philipp**, H. Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (1–98, mit 6 Taf.); *P.* (*Eumicrotis*) *spitsbergensis*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (27, with pl.).

Pterochaenia† n. gen., type *Avicula fragilis*†, Hall, *P. sinuosa*†, *P. perissa*†, *P. clemensis*†, *P. cashaquae*†, *P. uchtensis*†, nn. spp. *P. fragilis* var. *orbicularis*, n. var. New York. Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]–454).

Rhombopteria clathratus† n. sp., New Jersey. Devonian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (291, pl. XXXI, figs. 16–18).

Spondylus† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. Paleontographica, Stuttgart, **30**, 1903, Abt. 3, (66–67).

Vulsella† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. *l.c.* (70–76).

EULAMELLIBRANCHIATA.

Submytilacea.

General.

Anthony, R. Organisation et morphogénie des Aethéries. Paris, C.-R. Acad. sci., **138**, 1904, (1233–1235).

Dall, W. H. Die Systematik der Cyrenacea. [Uebers. aus: Proceed. Biol. Soc. Washington.] Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (74–76).

Paquier, V. Les Rudistes urgoniens. Paris, Mém. soc. géol., **11**, 1903, (1–46, av. pl.).

Special.

Anisocardia mayeri† n. sp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (164).

Anodonta, Bau des Visceralganglions. **Freidenfelt**, T. Lund, Univ. Arsskr., **40**, Afd. 2, No. 5, (28, with pl.).

Anodontopsis wabashensis† n. sp. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428–486, with pl.).

Anoplophora ephippium† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (44–45, with pl.).

Astarte† nn. spp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.).

Axinus volskensis† n. sp. Saratov district. **Archangelskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (97, pl. II).

Bornia† nn. spp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.).

Cardita† nn. spp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (205–206, 215); *C.*† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (99–111); *C. camerunensis*† n. sp. **Oppenheim**, P. *In*: Esch, Beiträge, Geol. Kamerun, Stuttgart, **1904**, (243–285); *C. dilecta* Smith ranges north to N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (197); *C. lalemarensis*† n. sp. **Philipp**, H. Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (1–98, mit 6 Taf.); *C. longa*† n. sp. Saratov district. **Archangelskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (84, pl. v); *C. minima* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (41, with fig.); *C. pulcherrima* n. sp. Natal. **Sowerby**, G. B. Cape Town, Marin. Invest., **4**, 1904, (7, pl. VI, fig. 2); *C. umbonata* n. sp. Sierra Leone. **Sowerby**, J. B. London, Proc. Malac. Soc. **6**, 1904, (177, with fig.)

Carditella laticosta n. sp. Port Alfred. **Smith**, E. A. J. Malac., **11**, 1904, (41, with fig.).

Codakia bella delicatula n. subsp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (555).

Corbicula nn. spp. Java, N. S. Wales. **Bullen**, R. A. London, Proc. Malac. Soc., **6**, 1904, (109–410, with figs.); *C. artini* n. sp. **Pallary**, P. Cairo, Bull. Inst., Egypt, **1902**, (87–98, with 2 pls.).

——— v. *Cyrena*.†

Crassatella† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (112–116); *C.* nn. spp. Natal. **Sowerby**, G. B. Cape Town, Marin. Invest., **4**, 1904, (8–10, pl. VI, figs. 14–17).

Crassatellites brasiliensis† n. sp. Brazil, Recent. **Dall**, W. H. Nautilus, Philadelphia, Pa., **16**, 1903, (101–102); *C. ponderosa* Gmelin, bibliography = *C. kingicola* Lam. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (198).

Cuna delta Tate and May, added to New Zealand fauna. **Hedley**, C. Rec. Austr. Mus., **5**, 1904, (87).

Cyprina aegyptiaca† n. sp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (161–162).

Cyrena (Corbicula) blanckenhorni† n. sp. Tertiär, Aegypten. **Oppenheim**, P. *l.c.* Abt. 3, (160).

Diplodon colhuapiensis† n. sp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (216–217).

Diplodonta zelandica Gray is a synonym of *D. tasmanica*. Ten. Woods. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (196).

——— v. *Lucina*.†

Divaricella v. *Lucina*.†

Dreissensia polymorpha, habits, &c. **Standen**, R. J. Conch., Leeds, **11**, 1904, (83–90, with figs.).

Erycina† nn. spp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.).

Gonodon modestus† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (49, with pl.).

Hyriopsis goliath n. sp. Tonkin. **Rolle**, H. Frankfurt a. M., NachrBl. B. malakozool. Ges., **36**, 1904, (25).

Isocardia† nn. spp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.); *I. heintzeli*† n. sp. **Wolleman**, A. Berlin, Abh. Geol. Landesanst., (N.F.), **37**, 1902, (129); *I. vorax*† n. sp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (162–163).

Kellia porculus n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **58**, 1904, (558); *K. rotundula*† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.).

Lepton fortidentatus† n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (41, with fig.).

Lucina† nn. spp. Saratov district. **Archangelskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (91–95, pls. II and III); *L.*† nn. spp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (132–150); *L.* nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (40, with figs.); *L. camerunensis*† n. sp. **Oppenheim**, P. *In*: Esch, Beiträge Geol. Kamerun, Stuttgart, **1904**, (243–285).

Megalodon† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (47–48, with pl.).

Modiolopsis† nn. spp. Portugal. **Delgado**, J. F. N. Lisboa, Com. Trab. Geol., **5**, 1904, (359–360); *M.*† nn. spp. New Jersey. Ordovician. **Weller**, S. New Jersey, Geol. Surv., Trenton, N J., Rep. Paleont., **3**, 1903, (170–171, pl. XI, figs. 8 9).

Myoconcha† nn. spp. Alps. **Broili**, F. Palaeontographica, Stuttgart, **50**, 1904, (145–227).

Ontaria† n. gen. = *Cardiola* auct. aliq., type *Ungulina suborbicularis*† Hall. *O. pontiaca*†, *O. accincta*†, *O. affiliata*†, *O. halli*† nn. spp. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11 + [199]–454).

Pachycardia plieningeri† n. sp. Alps. **Broili**, F. Palaeontographica, Stuttgart, **50**, 1904, (147–235).

Pleurophorus† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (45–47, with pl.).

Solecardia vitrea: japonica n. subsp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (550-561, with pl.).

Spatha innesi n. sp. **Pallary**, P. Cairo, Bull. Inst., Egypt, **1902**, (87–98, with 2 pls.).

Spathella fourtaui n. sp. **Pallary**, P. *l.c* (87–98, with 2 pls.).

Sportella† nn. spp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.).

Tellimya similis† n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (41, with fig.).

Thecodonta (*Dicranodesma*) *calvertensis*† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274-401, with pl.).

Unio. Étude sur les mollusques du département de l'Orne. **Letacq**, A. L. Alençon, Bul. soc. horticult., **1902**, (91–103); *U.* nn. spp. Tonkin. **Rolle**, H. Frankfurt a. M. NachrBl. D. malakozool. Ges., **36**, 1904, (25-26); *U. fourtaui* n. sp. **Pallary**, P. Cairo, Bull. Inst., Egypt, **1902**, (87–98, with 2 pls.); *U. margaritifera*, Geschichte der vogtländischen Perlenfischerei. **Teichmann**, E. Uns. Heimat, Zwickau, **2**, 1903, (160-162, 177-181).

Venericardia castrana† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.).

Verticipronus n. gen., type *V. mytilus* n. sp. from New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (88, fig. 15).

Vesicomya indica† n. sp. Travancore and off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (9).

Whitella (?) siluriana† n. sp. Niagara. Indiana. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428–486, with pl.); *W. suborbicularis*† n. sp. New Jersey. Ordovician. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (168, pl. XI, fig. 2).

Tellinacea.

Abra marylandica† n sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (271–401, with pl.).

Jenatia victoriae Pritchard and Gatliff, was recorded from N. S. Wales by Angas under the erroneous name of *J. acinacies* L. and G. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (197).

Macoma marylandica† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.).

Mactra nn. spp. Ceylon. **Preston**, H. B. J. Malac., London, **11**, 1904, (78, with figs.); *M. carneopicta* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (550); *M. fragilis*† n. sp. **Laskarev**, V. St. Peterburg, Mém. Com. géolog., (N. Ser.), **5**, 1903, (84–89); *M.* (?) *rhomboidea*† n. sp. **Oppenheim**, P. *In*: Esch, Beiträge Geol. Kamerun, Stuttgart, **1904**, (243–285).

Mesodesma alaskensis† n. sp. Alaska. **Dall**, W. H. Alaska, (Harriman Expedition), New York, **4**, 1904, ([97]–122, with pl.); *M. mariana*† n. sp. Maryland.

Glenn, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.).

Psammobia arakanensis n. sp. Arakan coast. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (10); *P. gubernatoria*† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.); *P. lessoni* Blainville synonymous with *Gari malaccana* Reeve. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (196).

Semele capensis n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (39, with fig.).

Spisula callistaeformis† n. sp. Alaska. **Dall**, W. H. Alaska, (Harriman Expedition), New York, **4**, 1904, ([97]–122, with pl.); *S.* (*Hemimactra*?) *chesapeakensis*† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.); *S.* (*Oxyperas*) *bernardi* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (550).

Tellina† nn. spp. Saratov district. **Archangelskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (121–125, pl. VII); *T.* nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (554–555); *T. kenyoniana* n. sp. Victoria. **Pritchard**, G. B. and **Gatliff**, J. H. Melbourne, Proc. R Soc. Vict., (N. Ser.), **17**, 1904, (338–339, with 1 pl.); *T.* nn. spp. Cape Good Hope. **Sowerby**, G. B. Cape Town, Marin. Invest., **4**, 1904, (12–14, pl. VII, figs. 4–9); *T. regularis* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (39, with fig.).

Theora ovalis n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (39, with fig.).

Veneracea.

Callocardia (*Agriopoma*) *prunensis*† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.); ? *C.* (*Pitaria*) *kincaidii*† n. sp. Alaska. **Dall**, W. H. *In*: Alaska, (Harriman Expedition), edited by C. Hart Merriam, Vol. 4. New York, 1904, ([97]–122, with pl.).

Chione nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (552-553); *C. despecta* n. sp. N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (193, pl. X, figs. 35-38); *C. nitida* Quoy and Gaimard synonymous with *Venus fumigata* Sowerby. **Hedley**, C. *l.c.* (194); *C. parkeria*† n. sp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.).

Cyprimeria? *sulcata*† n. sp. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York., N.Y., **24**, 1903, (173–246, with pl.).

Cytherea† nn. spp. Saratov district. **Archangelskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (110–116, pls. VI–IX); *C.*† nn. spp. **Oppenheim**, P. *In*: Esch, Beiträge Geol. Kamerun, Stuttgart, **1904**, (243–285); *C. chalcedonica*† n. sp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (216); *C. crispata*: *amica* n. subsp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (551).

Dosinia? *alaskana*† n. sp. Alaska. **Dall**, W. H. Alaska (Harriman Expedition), New York, **4**, 1904, ([97]–122, with pl.); *D. veszanensis*† n. sp. **Oppenheim**, P. Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (98–235).

Macrocallista (*Chionella*?) *gilberti*.† Alaska. **Dall**, W. H. Alaska (Harriman Expedition), New York, **4**, 1904, ([97]–122, with pl.).

Pitar sulfurea n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (550–561, with pl.).

Saxidomus popofianus n. sp. Alaska. **Dall**, W. H. Alaska (Harriman Expedition), New York, **4**, 1904, ([97]–122, with pl.).

Tapes fabagella Deshayes, rediscovered in original habitat. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (89); *T. vetuloides*† n. sp. Tomakowka. **Michajlovskij**, G. St. Peterburg, Mém. Com. géolog., **13**, No. 4, 1903, (39–41, pl. II).

Venus (*Anaitis*) *intersculpta* n. sp. Cape Good Hope. **Sowerby**, G. B. Cape Town, Marin. Invest., **4**, 1904, (11,

pl. VIII, fig. 2); *V. ukrainica*† n. sp. Tomakowka. **Michajlovskij**, G. St. Peterburg, Mém. Com. géolog., **13**, No. 4, 1903, (37–38, pl. II).

Cardiacea.

General.

Anthony, M. Organisation et morphogénie des Tridacnidés. Paris, C.-R. Acad. sci., **138**, 1904, (296–298).

Special.

Cardium, Sinnesorgane an den Tentakeln. **Zugmayer**, E. Zs. wiss. Zool., Leipzig, **76**, 1904, (478–508, mit 1 Taf.); *C.*† nn. spp. Saratov district. **Archangelskij**, A. Mater. geol. Ross, St. Peterburg, **22**, 1904, (100–101, 103–104, pls. III, VI, XI); *C.*† nn. spp. Maryland. **Glenn**, L. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (274–401, with pl.); *C.*† nn. spp. Tomakowka. **Michajlovskij**, G. St. Peterburg, Mém. Com. géolog., **13**, No. 4, 1903, (259); *C. bechei* Reeve, bibliography and Australian distribution. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc., N. S. Wales, **29**, 1904, (195); *C. gilchristi* n. sp. Cape Good Hope. **Sowerby**, G. B. Cape Town, Marin. Invest., **4**, 1904, (11, pl. VII, fig. 1); *C. hungerfordi* nn. subspp., *C. annae* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (555–556); *C. lenzi*† n. sp. **Oppenheim**, P. *In*: Esch, Beiträge Geol. Kamerun, Stuttgart, **1904**, (243–285); *C.* (*Loxocardium*) *desertorum*† n. sp. Tertiär, Aegypten. **Oppenheim**, P. Palaeontographica, Stuttgart, **30**, 1903, Abt. 3, (156–157).

Chama† nn. spp. Tertiar, Aegypten. **Oppenheim**, P. *l.c.* (118–119); *C. monroensis*† n. sp. Alabama, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (27–101, with pl.).

Conocardium† nn. spp. Indiana, Niagara. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428–486, with pl.); *C. goucandense*† n. sp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]–454).

Loxocardium v. *Cardium*.†

Papyridea harrimani† n. sp. Alaska. **Dall**, W. H. Alaska, (Harriman Expedition). New York, **4**, 1904, ([97]–122, with pl.).

Myacea.

Corbula† nn. spp. Saratov district. **Archangelskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (129–131); *C.*† nn. spp. **Oppenheim**, P. *In*: Esch, Beiträge Geol. Kamerun, **1904**, (243–285); *C. nematophora* var. *fitchi*† n. var. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173–246, with pl.).

Cultellus decipiens n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (39).

Mya arenaria. U. S. Commission of Fish and Fisheries. Report of the Special commission for the investigation of the lobster and soft-shell clam [by Hugh M. Smith, George H. Sherwood, Frederic P. Gorham, and James L. Kellogg.] Washington, D.C., Rep. U. S. Com. Fish, **1903**, 1904, (1 l + 139–224, with 10 pls.); **Kellogg**, J. L. *l.c.* (195–224, with text fig., pl.); **Smith**, H. M. *l.c.* (141–147, with pl.).

Solecurtus (?) *pavlowi*† n. sp. Saratov district. **Archangelskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (126–127, pl. IX).

Pholadacea.

Xylophaga indica n. sp. off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (7).

Anatinacea.

Anatina andamanica n. sp. off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (8).

Buchiola† nn. spp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l + [199]–454).

Cardiomorpha obliquata† n. sp. New York, Devonian. **Clarke**, J. M. *l.c.* (1 l. + [199]–454).

Edmondia? deckerensis† n. sp. New Jersey. Silurian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (241–242, pl. XXII, figs. 6–7).

Homomya forsbergi† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (49–50, with pl.).

Leptodomus† nn. spp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l.+[199]–454).

Paracardium delicatulum† n. sp. New York, Devonian. **Clarke**, J. M. *l.c.* (1 l.+[199]–454).

Pholadomya franciscae† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (50, with pl.).

Pleurophorella† n. gen. (allied to *Allerisma*) *P. papillosa* n. sp. Carboniferous. **Girty**, G. H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (728).

Praecardium† nn. spp. New York, Devonian. **Clarke**, J. M. Albany, Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l.+[199]–454).

Thracia wuriana† n. sp. **Oppenheim**, P. *In*: Esch, Beiträge Geol. Kamerun, Stuttgart, **1904**, (243–285).

Thraciopsis arenosa n. sp. N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (197, pl. IX, figs. 26–27).

Verticordia† nn. spp. Mississippi and Alabama, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97–101, with pl.).

SEPTIBRANCHIATA.

Cuspidaria nn. spp. Natal. **Sowerby**, G. B. Cape Town, Marin. Invest., **4**, (18, pl. VII. figs. 14–17).

Poromya nn. spp. Natal. **Sowerby**, G. B. *l.c.* (15–16, pl. VII, figs. 10–13).

SLIPS NOT FURTHER CLASSIFIED BY SLIPMAKER.

Davidia† nn. spp. Portugal. **Delgado**, T. F. N. Lisboa, Com. Trab. geol., **5**, 1904, (361–362).

Elasmatium† n. gen., *E. goicandense*† n. sp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]–454).

Eumorphotis† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (27–29, with pl.).

Protothaca grewingkii n. sp. Alaska. **Dall**, W. H. *In*: Alaska, (Harriman Expedition), edited by C. Hart Merriam, Vol. 4. New York, 1904, ([97]–122, with pl.).

Ptychopteria? subquadrata† n. sp. New Jersey. Silurian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (193–194, pl. XIV, fig. 16).

Rhynchopterus perna† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (30, with pl.).

Streptomytilus† n. gen., *S. wabashensis*† n. sp. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428–486, with pl.).

Synek (?) *cambrensis*† n. sp. Portugal. **Delgado**, T. F. N. Lisboa, Com. Trab. Geol., **5**, 1904, (360–361).

SCAPHOPODA.

General.

Martin, G. C. Scaphopoda [*Dentaliidae*]. Maryland Geol. Surv., Miocene, Baltimore, 1904, (271–274, with pl.).

Special.

Cadulus spretus Tate and May added to New Zealand fauna. **Hedley**, C. Sydney, N.S.W., Rec., Austr. Mus., **5**, 1904, (89).

Clavdi'es† n. gen., *C. howardensis*† n. sp. Carboniferous. **Girty**, G. H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (732).

Dentalium boreale† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (53–54, with pl.); *D. entale* L., Anatomie and Histologie. **Boissevain**, M. Jenaische Zs. Natw., **38**, 1904, (553–572, mit 3 Taf.);

D. splendens† n. sp. Germany. **Wollemann**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22–24).

AMPHINEURA.

General.

Heath, H. The larval eye of Chitons. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (257–259, with text fig.).

Schweikart, A. Die Bildung der Eihüllen und ihrer Anhänge bei den Chitonen. Zool. Anz., Leipzig, **27**, 1904, (636–648).

Wissel, C. von. Pacifische Chitonen der Sammlungen Schauinsland und Thilenius. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (590–676, mit 5 Taf.).

POLYPLACOPHORA.

Chaetopleura apiculata†. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (270–271, with pl.).

Chiton ceylanicus n. sp. off Ceylon. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (7).

Ornithochiton marmoratus n. sp. Neu Seeland. **Wissel**, C. von. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (660).

APLACOPHORA.

Limifossor n. gen., *L. talpoideus* n. sp. **Heath**, H. Zool. Anz., Leipzig, **28**, 1904, (329–331).

GASTROPODA.

GENERAL.

Coutagne, G. Des caractères polytaxiques chez les espèces à l'état sauvage. Paris, C.-R. soc. biol., **55**, 1903, (1521–1523).

Glaser, O. C. Excretory activities in the nuclei of gastropod embryos. [Abstract.] Amer. Nat., Boston, Mass., **38**, 1904, (513–516, with text fig.).

Möllendorff, O. F. von. Landmollusken. Ergänzungen und Berichtigungen zum 3. Bde. Nach des Verf. Tode fortgeführt v. Wilhelm Kobelt. (C. Semper, Reisen im Archipel der Philippinen, Wissenschaftl. Resultate, Bd 8, H. 6.) Wiesbaden (C. W. Kreidel), 1904, (235–268, mit 8 Taf.).

Pekár, K. Geruchssinne der Gastropoden. Termt. Közl., Budapest, **36**, 1904, (719–720).

Pilsbry, H. A. and **Hirase**, Y. New land-shells of the Japanese empire. Nautilus, Philadelphia, Pa., **16**, 1903, (128–130).

PROSOBRANCHIATA.

Geyer. Beiträge zur Vitrellenfauna Württembergs. [I.] Stuttgart, Jahreshefte Ver. Natk., **60**, 1904, (298–334, mit 7 Taf.).

DOCOGLOSSA.

Fleure, H. J. Evolution in Docoglossa. London, Trans. Linn. Soc., **9**, 1904, (269–290, pls. XV–XVII).

Willcox, M. A. Some disputed points in the anatomy of the limpets. [Abstract.] Wood's Holl, Mass., Mar. Biol. Lab. Bull., **2**, 1901, (331–332).

Acmaeidae.

Acmaea alticostata Angas has been erroneously united with *A. costata* Sowerby. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (189); *A. cerrillosensis*† n. sp. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173–246, with pl.); *A. minutissima* n. sp. off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (4); *A.? monswoodensis*† n. sp. **Etheridge**, R., *jun.* Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (251, pl. XXVII, figs. 5–7).

Patellidae.

Lottia gigantea Gray. **Fisher**, W. K. Zool. Jahrb. Jena, Abt. f. Anat., **20**, 1904, (1–56, mit 4 Taf.).

Scurria? coniformis† n. sp. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173–246, with pl.).

RHIPIDOGLOSSA.

Fissurellidae.

Emarginula marylandica† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

Fissuridea infrequens† n. sp. Mississippi, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97–101, with pl.).

Incisura n. gen., type *Scissurella lyttletonensis* Smith. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (91, fig. 18).

Puncturella demissa n. sp. New Zealand. **Hedley**, C. *l.c.* (93, fig. 19).

Haliotidae.

Haliotis, zur Anatomie und Phylogenie. **Pleure**, H. J. Jenaische Zs. Natw., **39**, 1904, (245–322, mit 6 Taf.); *H. tuberculata*, some points in the history. **Pleure**, H. J. Guernsey, Rep. G. Soc. Nat. Sc., **1903**, (227–233); *H. tuberculata*, imperforate. **Marquand**, E. D. J. Conch., Leeds, **11**, 1904, (48); Guernsey, Rep. G. Soc., Nat. Sc., **1903**, (233).

Pleurotomariidae.

Pleurotomaria† nn. spp., *P. capillaria* Conrad *cognata*† n. mut. (?) New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]–454); *P. eloroidea*† n. sp. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428–486, with pl.); *P. weissermeli*† n. sp. Germany. **Wolleman**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22–42).

Polygyrata† n. gen., *P. sinistra*† n. sp. New Jersey. Ordovician. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (130, pl. IV, fig. 102).

Raphis'oma columbiana† n. sp. New Jersey. Ordovician. **Weller**, S. *l.c.* (128, pl. IV, figs. 3–5).

Schismope beddomei Petterd added to New Zealand fauna. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (89); *S. brevis* n. sp. from New Zealand. **Hedley**, C. *l.c.* (90, fig. 16).

Scissurella jacksoni n. sp. Gulf of Oman. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (160, with fig.); *S. rosea* n. sp. from New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (90, fig. 17).

Sisenna conwentzy† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (51, with pl.).

Temnotropis credneri† n. sp. mitteldeutsches Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445–537).

Worthenia† nn. spp. mittel-deutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445–537); *W. bifurca*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (50–51, with pl.).

Bellerophontidae.

Bellerophon† nn. spp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]–454).

Carinaropsis ithagenia† n. sp. New York, Devonian. **Clarke**, J. M. *l.c.* (1 l. + [199]–454).

Cyclostrematidae.

Cyclostrema nn. spp. Gulf of Oman. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (158–159, with figs.); *C. gyaleum* n.sp. Persian Gulf. **Melvill**, J. C. *l.c.* (54, fig.).

Teinostoma† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

Liotiidae.

Liotia polypleura n. sp. New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (93, fig. 20).

Trochidae.

Basilissa (*Ancistrobasis*) *compea* n. sp. Gulf of Oman, **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (160, with fig.).

Calliostoma† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

Chlorostoma rugatum: *sublaevis* n. subsp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (33).

Clanculus hizenensis var. *fraterculus* n. var. Japan. **Pilsbry**, H. A. *l.c.* (83); *C. praecruciatus*† n. sp. Tomakowka. **Michajlovskij**, G. St. Peterburg, Mém. Com. géolog., **13**, No. 4, 1903, (70–71, pl. III).

Delphinula kokeni† n. sp. mitteldeutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445–537).

Ethalia africana n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (38, fig.); *E. carneolata* Melv. n. var. **Melvill**, J. C. *l.c.* (80, with fig.); *E. jucunda* n. sp. Gulf of Oman. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (159, with fig.).

Euchelus nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (34–35).

Trochus, anatomy of British species. **Randles**, W. B. Q. J. Microsc. Sci., London, **48**, 1904, (33–78, pls. IV–VI); *T. hirasei* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (32); *T. lüneburgensis*† n. sp. **Wolleman**, A. Berlin, Abh. geol. Landesanst., (N.F.), **37**, 1902, (128).

Turbinidae.

Collonia rosa n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1903, (3–37, with pl.).

Oriostoma† nn. spp. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428–486, with pl.).

Turbo (?) *volgensis*† n. sp. Saratov district. **Archangelskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (135–136, pl. X).

Neritopsidae.

Fedaiella magna† n. sp. mitteldeutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445–537).

Marmolatella plana† n. sp. mitteldeutschen Trias. **Picard**, E. *l.c.* (445–537).

Naticella† nn. spp. mittel-deutschen Trias. **Picard**, E. *l.c.* (445–537).

Neritidae.

Neritaria† nn. spp. mittel-deutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445–537).

Neritina oxytropida† n. sp. Russia. **Andrusov**, N. Mater. geol. Ross., St. Peterburg, **21**, 1904, (255–381); *N. virginea* var. *minor*. **Metcalf**, M. M. Amer. Nat., Boston, Mass., **38**, 1904, (565–569, with col. pl.).

Helicinidae.

Helicina nn. spp. Hawaiian Islands. **Ancey**, C. F. London, Proc. Malac. Soc., **6**, 1904, (126–127, with figs.); *H. japonica* notes, *H. japonica* var. *echigoensis* n. var. **Pilsbry**, H. A. Nautilus, Philadelphia, Pa., **16**, 1903, (130–131); *H. occulta*. United States. **Shimek**, B. Davenport, Iowa, Proc. Acad. Nat. Sci., **9**, 1904, (173–180); *H. sadoensis* n. sp. Japan. **Pilsbry**, H. A. and **Hirase**, Y. Nautilus, Philadelphia, Pa., **16**, 1903, (128–130); *H. subsuturalis* n. sp. **Boettger**, O. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (409–412).

PTENOGLOSA.

Scalariidae.

Aclis beltista n. sp. Persian Gulf. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (53, fig.); *A. thesauraria* n. sp. Gulf of Oman. **Melvill**, J. C. J. Malac., London, **11**, 1904, (79, with fig.).

Berthaia n. gen. for *Scala intertexta* M. and St. and *Onoba egregia* A. Ad., figured. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (61).

Callonema filosum† n. sp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]–454).

Scala† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.); *S. fimbriolata* Melv. is a synonym of *S. kieneri* Canefri. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (453–473); **14**, 1904, (1–14).

TAENIOGLOSSA.

Dall, W. H. An historical and systematic review of the frog-shells and tritons. Washington, D.C., Smithsonian Inst, Misc. Collect. Q., **47**, 1904, (114–144).

Naticidae.

Natica† nn. spp. **Oppenheim**, P. *In*: Esch., Beiträge Geol. Kamerun, **1904**, (243–285); *N.* nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (34, with fig.); *N. gracilis*† n. sp. Saratov district. **Archangelskij**, A. Mater. geol. Ross., St. Peterburg, **23**, 1904, (161, pl. X).

Polinices sagamiensis n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (23).

Capulidae.

Amalthea marylandica† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

Calyptraea greensboroënsis † n. sp. Maryland. **Martin**, G. C. *l.c.* (131–270, with pl.); *C. sigaretina*† n. sp. **Oppenheim**, P. *In*: Esch, Beiträge Geol. Kamerun, **1904**, (243–285).

Capulus devotus n. sp. N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N.S.W., **29**, 1904, (190, pl. VIII, figs. 15–16); *C. fragilis* n. sp. Bay of Bengal. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (1).

Crepidula, embryology. **Conklin**, E. G. Wood's Holl, Mass., Mar. Biol. Lab. Bull., **2**, 1901, (257–265, with text fig.); *C.* nn. spp. Alaska. **Dall**, W. H. Alaska, (Harriman Expedition), New York, **4**, 1904, ([97]–122, with pl.).

Diaphorostoma† nn. spp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]–454).

Platyceras? columbiana† n. sp. New Jersey. Ordovician. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (131, pl. IV, figs. 7–8).

Platyostoma nearpassi† n. sp. New Jersey. **Weller**, S. *l.c.* (334, pl. XLIII, figs. 4).

Trochita alaskana† n. sp. Alaska. **Dall**, W. H. Alaska, (Harriman Expedition), New York, **4**, 1904, ([97]–122, with pl.).

Solariidae.

Eccyliomphalus subelliptica† n. sp. New Jersey. Ordovician. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (129, pl. IV, fig. 6).

Solarium admirandum, figured. **Melvill**, J. C. J. Malac., London, **11**, 1904, (84).

Littorinidae.

Lacuna globosa n. sp. Bay of Bengal. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (472).

Littorina (?) *lubrica*† n. sp. Germany. **Wolleman**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22–42); *L. rudis*, parasite. **Kofoid**, C A. Parker, G. H., *ed.*, Mark Anniversary Volume, New York, 1903, ([111]–120, with 1 pl.).

Fossaridae.

Couthouyia corrugata n. sp. from New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (95, fig. 22).

Fossarus (*Couthouyia*) nn. spp. Persian Gulf. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (54, with figs.).

Cyclophoridae.

General.

Collier, E. The conchological differences between the genera and sections of the *Pupinidae*. J. Conch., Leeds, **11**, 1904, (110–115).

Special.

Alycaeus harimensis var. *sadoensis* n. var. Japan. **Pilsbry**, H. A. and **Hirase**, Y. Nautilus, Philadelphia, Pa., **16**, 1903, (128–130).

Cataulus nn. spp. Ceylon. **Fulton**, H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (452); *C. marginatus* Pfr., *nevilli* Sykes nn. varr. **Fulton**, H. *l.c.* (452–453).

Lagochilus obliquistriatus n. sp. Java. **Bullen**, R. A. London, Proc. Malac. Soc., **6**, 1904, (110, with fig.).

Leptopoma crenilabre Strubell, note with figure. **Fulton**, H. J. Malac., London, **11**, 1904, (55, pl., IV); *L. gebiensis* n. sp. Gebi Id. **Fulton**, H. *l.c.* (54, fig.); *L. leucorraphe* Martens, n. var. **Sykes**, E. R. *l.c.* (92); *L. ponsonbyi* n. sp. Obi. **Sykes**, E. R. *l.c.* (91, with fig.).

Neocyclotus panamensis n. sp. Panama. **Da Costa**, S. I. London, Proc. Malac. Soc., **6**, 1904, (6, with fig.).

Opisthostoma beddomei n. sp. Borneo. **Smith**, E. A. *l.c.* (105, with fig.).

Cyclostomatidae.

Colobostylus spp. Jamaica. **Jarvis**, P. W. Nautilus, Boston, Mass., **17**, 1903, (62–65, with map).

Cyclostoma elegans Draparnaud, var. *larvis*. **Madoulé**, A. Elbeuf, Bull. soc. étud. sci. nat,, **22**, 1903, [1904], (35–36); *C. elegans*† Müller in Deutschland. **Menzel**, H. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (381–390).

Realia turriculata Pfr. n. subsp. **Suter**, H. London, Proc. Malac. Soc., **6**, 1904, (157).

Aciculidae.

Acme callosiuscula† n. sp. Miocän, Schlesien. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

Coxiella badgerensis Johnston (from Tasmania), is the correct name for *C. confusa* Smith. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (183).

Truncatellidae.

Pseudotruncatella n. gen., *P. pretiosa*† n. sp. Miocän, Schlesien. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

Rissoidae.

Epigrus protractus n sp. Sydney, N.S.W. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (185, pl. VIII, figs. 8–11).

Fenella xaenthacme n. sp. Persian Gulf. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (56, with fig.).

Oscilla nn. spp. Gulf of Oman. **Melvill**, J. C. J. Malac., London, **11**, 1904, (82, with figs.).

Rissoa nn. spp. Japan. **Pilsbry**, H A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (26); *R.* nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (35, with fig.); *R.* (*Scrobs*) *columen* n. sp. Persian Gulf. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (53, with fig.); *R. elata* var. *oblonga* Desmaret, disposition générale du système nerveux. **Quintaret**, G. Paris, C.-R. Acad. sci., **139**, 1904, (301–302); *R. integella* n. sp. N. S. Wales. **Hedley**, C. Sydney, N.S.W. Proc. Linn. Soc. N. S. Wales, **29**, 1904, (185, pl. IX, fig. 20); *R.* (*Onoba*) *marylandica*† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.); *R ? mohrensternia ?* † n. sp. Tomakowka. **Michajlovskij**, G. St. Peterburg, Mém. Com. géolog., **13**, No. 4, 1903, (60–61, pl. IV); *R. suteri* n. sp. from New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (96, fig. 23).

Rissoina nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (27); *R. alfredi* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1994, (35, with fig.); *R.* (*Phosinella*) *phormis* n. sp. Gulf of Oman. **Melvill**, J. C. *l.c.*, (80, with fig.).

Stiva n. gen., type *S. ferruginea* n. sp. N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (192, pl. IX, figs. 23–25).

Hydrobiidae.

Emmericia francofurtana† n. form. **Boettger**, O. Frankfurt a. M., Nachr Bl. D. Malakozool. Ges., **36**, 1904, (112–116).

Heterocyclus petterdi Smith, from N. S. Wales, transferred from genus *Hydrobia*; synonyms are *Pupa anodonta* Hedley and Masson and *Bythinia rietmmondiana* Petterd. Type of latter figured. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (183, pl. VIII, fig. 7).

Jullienia carinata n. sp. Yunnan. **Fulton**, H. J. Malac., London, **11**, 1904, (52, with fig.).

Petterdiana brazieri Smith transferred from genus *Hydrobia Amnicola positura* Petterd. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (184).

Pseudamnicola sinaica n. sp. Egypt. **Pallary**, P. Cairo, Bull. Inst. Egypt, **1901**, (239–244, with 1 pl.).

Stanleya rotundata n. sp. Lake Tanganyika. **Smith**, E. A. London, Proc. Malac. Soc., **6**, 1904, (93).

Vitrella nn. spp. **Geyer**. Stuttgart, Jahreshefte Ver. Natk., **60**, 1904, (317–323); *V. quenstedtii* (Wiedersheim) Clessin, Anatomie. **Seibold**, W. *l.c.* (198–226, mit 2 Taf.).

Assimineidae.

Assiminea norburyi n. sp. Liu Chao. **Jones**, K. H. and **Preston**, H. B. London, Proc. Malac. Soc., **6**, 1904, (147, fig.).

Adeorbidae.

Adeorbis liscaviensis† n. sp. mitteldeutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445–537).

Viviparidae.

Campeloma milesii, specific validity. **Walker**, B. Nautilus, Philadelphia, Pa., **16**, 1903, (121–124, with pl.).

Paludestrina anatina Drap. new to Britain. **Tomlin**, J. R. le B. J. Conch., Leeds, **11**, 1904, (11); *P. taylori*, habits and reproduction. **Jackson**, J. W. and **Taylor**, F. *l.c.* (45–47).

Vivipara diluviana Kunth and *Vivipara clactonensis* S. V. Wood, specific identity. **Kennard**, A. S. and **Woodward**, B. B. London, Proc. Malac. Soc., **6**, 1904, (66–67); *V. rouyeri* n. sp. Java. **Bullen**, R. A. *l.c.* (110, with fig.).

Valvatidae.

Valvata nn. spp. **Menzel**, H. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (77–79); *V. (Cincinna)*† nn. spp. Quartär, Hannover. **Menzel**, H. Berlin, Jarb. geol. Landesanst., **24**, 1904, (254–290, 337–348, mit 1 Taf.); *V. innesi* n. sp. Egypt. **Pallary**, P. Cairo, Bull. Inst. Egypt, **1901**, (239–244, with 1 pl.).

Ampullariidae.

Ampullaria gigas Sp. **Brüning**, C. Natw. Wochenschr., Jena, **19**, 1904, (779–781).

Lanistes innesi n. sp. **Pallary**, P. Cairo, Bull. Inst. Egypt, **1902**, (87–98, with 2 pls.).

Limnopomus n. sect. of *Ampullaria*, type *A. columellaris* Gould. **Dall**, W. H. J. Conch., Leeds, **11**, 1904, (54).

Cerithiidae.

Bittium caudatum n. sp. Gulf of Oman. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (161, with fig.).

Cerithiopsis calvertensis† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

Cerithium nn. spp. Gulf of Oman. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (161, with figs.); *C.*† nn. spp. Germany. **Wolleman**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903),

1904, (22–42); *C.* nn. sp. and subsp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (25); *C. icarus* Bayle, synonymous with *Bittium furvum* Watson. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (184); *C. koeneni*† n. sp. Saratov district. **Archangelskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (151–153, pl. X); *C. sykesi* n. sp. **Brusina**, S. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (167); *C. vulgatum*, développement des spermies apyrènes. **Stephan**, P. Bibliogr. anat., Nancy, **12**, 1903, (77–82, av. fig.).

Planaxis brasilianus Lamarck has priority over *P. mollis* Sowerby. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (186).

Trifora nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (37, with figs.); *T. concatenata* n. sp. Gulf of Oman. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (162, with fig).

Triphora nn. spp. hab. incert. **Sowerby**, G. B. *l.c.* (174–175, with figs.).

Melaniidae.

Lechaptoixia ponsonbyi, figured. **Smith**, E. A. London, Proc. Malac. Soc., **6**, 1904, (94).

Melania nn. spp. Yunnan and Java. **Fulton**, H. J. Malac., London, **11**, 1904, (51, 52, with figs.); *M.* nn. spp New Hebrides. **Sykes**, R. London, Proc. Malac. Soc., **6**, 1904, (13–14, with figs.); *M. (P.) schneei* n. sp. Marschall Inseln. **Boettger**, O. Zool. Jahrb., Jena, Abt. f. Syst., **20**. 1904, (408–409); Zool. Garten, Frankfurt a. M., **45**, 1904, (23–28, 111–116); *M. vara* n. sp. Java. **Bullen**, R. A. London, Proc. Malac. Soc., **6**, 1904, (110, with fig.).

Pleuroceridae.

Goniobasis marylandica† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

Pseudomelaniidae.

Loxonema† nn. spp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (11. + [199]–454); *L.* nn. spp. mitteldeutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445–537); *L. jerseyensis*† n. sp. New Jersey. Devonian. **Weller**, S. New Jersey, Geol. Surv., Trenton, N.J., Rep. Paleont., **3**, 1903, (335, pl. XLIII, figs. 8–10).

Protorcula† nn. spp. mittel-deutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445–537).

Trypanostylus† nn. spp. mitteldeutschen Trias. **Picard**, E. *l.c.* (445–537).

Undularia† nn. spp. mittel-deutschen Trias. **Picard**, E. *l.c.* (445-537); *U. pertica*† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm. Vet.-Ak. Handl., **37**, No. 3, 1903, (53, with pl.).

Turritellidae.

Mathilda carystia, figured. **Melvill**, J. C. J. Malac., London, **11**, 1904, (84).

Omphalius collingei n. sp. Persian Gulf. **Melvill**, J. C. *l.c.* (80, with fig.).

Promathildia parva† n. sp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (53, with pl.).

Turritella† nn. spp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (208, 217–218); *T.*† nn. spp. mittel-deutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445–537); *T. eschi*† n. sp. **Oppenheim**, P. *In*: Esch., Beiträge Geol. Kamerun, **1904**, (243–285); *T. galisteoensis*† n. sp. New Mexico. Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173–246, with pl.); *T. illustris* n. sp. Persian Gulf. **Melvill**, J. C. J. Malac., London, **11**, 1904, (81, with fig.); *T. sokolovi*† n. sp. Tomakowka. **Michajlovskij**, G. St. Peterburg, Mém. Com. géolog., **13**, No. 4, 1903, (52–54, pl. III).

Caecidae.

Caecum† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.); *C. digitulum* n. sp. New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (94, fig 21).

Strebloceras cygnicollis n. sp. N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (189, pl. VIII, figs. 12–14).

Strombidae.

Rostellaria nn. spp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (219–220); *R. ampla*† dans la Belgique. **Delheid**, D. Bruxelles, Ann. soc. roy. malac., **38**, 1904, (Bul. CXLV–CXLVI).

Chenopodidae.

Aporrhais bicarinatoides† n. sp. Germany. **Wolleman**, A. Berlin, Jahrb. geol. Landesanst., **24**, (1903),1904, (22–42).

Cypraeidae.

Cypraea caputanguis, type is at Santiago. **Byne**. J. Conch., Leeds, **11**, 1904, (57); *C. caurica*, *C. ocellata*, *C. pulchella* nn. varr., and *Cypraeidae* of Persian Gulf. **Melvill**, J. C. and **Standen**, R. *l.c.* (117–122); *C. nuculoides*† n. sp. Mississippi and Alabama, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97–101, with pl.); *C. onyx*, malformed. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (3); *C. umbilicata*, white variety. **Sowerby**, G. B. London, Proc. Malac. Soc., **6**, 1904, (1).

Ovula symmetrica† n. sp. Mississippi, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97–101, with pl.).

Doliidae.

Dolium magnificum† n. sp. China Sea. **Sowerby**, G. B. London, Proc. Malac. Soc, **6**, 1904, (7, with fig.).

Ficula sobria† n. sp. **Oppenheim** P. *In*: Esch, Beiträge Geol. Kamerun, **1904**, (243–285).

Pyrula harrisi† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

Cassididae.

Cassidaria echinophora L. forma gigantea. **Kobelt**, [W.]. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (39–40).

Cassis paucirugis Menke, note. **Kenyon**, A. F. J. Conch., Leeds, **11**, 1904, (12–13); *O.* (*Semicassis*) *fortisulcata* n. sp. Hawaiian Islands. **Smith**, E. A. London, Proc. Malac. Soc., **6**, 1904, (21, with fig.).

Tritonidae.

Caducifer n. sect. of *Colubraria*; type *Triton truncatus* Hinds. Polynesia. **Dall**, W. H. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (136).

Craspedotriton n. sect. of *Bufonaria*, subgen. of *Bursa*, type *Triton convolutus* Broderip. **Dall** W. H. *l.c.* (119).

Eugyrina n. nom. = *Gyrina* Schumacher, not *Gyrinus* Linné, type *Ranella gigantea* Lamarck. **Dall**, W. H. *l.c.* (132).

Lotorium (*Colubraria*) *concinnatum* n. sp. Persian Gulf, &c. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (51, with fig.); *L. spengleri* Chemnitz, egg mass figured and described. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (193, pl. VIII, fig. 19).

Maculotriton n. sect. of *Colubraria*; type *Triton bracteatus* Hinds. Polynesia. **Dall**, W. H. Washington, D.C., Smithsonian Inst., Misc. Collect. Q., **47**, 1904, (136).

Monostiolum n. sect. of *Colubraria*; type *Triton swifti* Tryon. West Indies. **Dall**, W. H. *l.c.* (136).

Paralagena n. nom. = *Lagena* Mörch, not Walker; subgen. of *Argobuccinum*; type *Ranella vexillum* Lamarck. Polynesia. **Dall**, W. H. *l.c.* (132).

Phrygiomurex n. sect. of *Colubraria*; type *Triton sculptilis* Reeve. Polynesia. **Dall**, W. H. *l.c.* (137).

Taeniola n. sect. of *Colubraria*; type *Triton decollatus* Sowerby. Polynesia. **Dall**, W. H. *l.c.* (137).

Tritoniscus n. sect. of *Cymatium* type *Triton loroisii* Petit. **Dall**, W. H. *l.c.* (134).

Tritonocauda n. sect. of *Cymatium*; type *Murex caudatus* Gmelin + *Triton canaliferus* Lam. **Dall**, W. H. *l.c.* (133).

Turritriton n. sect. of *Cymatium*; type *Triton gibbosus* Broderip. **Dall**, W. H. *l.c.* (133).

GYMNOGLOSSA.

Eulimidae.

Eulima distincta n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (35, fig.); *E. paxillus* n. sp. New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (96, fig. 24); *E.* (*Subularia*) *hypolysina* n. sp. Gulf of Oman. **Melvill**, J. C. J. Malac., London, **11**, 1904, (83, with fig.).

Leiostraca murdochi n. sp. New Zealand. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (97, fig. 25).

Mucronalia birtsi n. sp. Ceylon. **Preston**, H. B. J. Malac., London, **11**, 1904, (77, with fig.); *M. oxytenes* n. sp. Gulf of Oman. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (163, with fig.).

Pyramidellidae.

General.

Dall, W. H. and **Bartsch**, P. Synopsis of the genera, subgenera and sections of the family *Pyramidellidae*. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (1–16).

Special.

Asmunda n. subgen. (*Turbonilla*), type *Chemnitzia turrita* C. B. Ads. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (9).

Baldra n. subgen. (*Turbonilla*), type *T.* (*Baldra*) *archeri*. **Dall**, W. H. and **Bartsch**, P. *l.c.* (9).

Besla n. subgen. (*Odostomia*), type *Chrysallida convexa* Cpr. **Dall**, W. H. and **Bartsch**, P. *l.c.* (10).

Callolongchaeus n. subgen. (*Pyramidella*), type *P. jamaicensis* Dall. **Dall**, W. H. and **Bartsch**, P. *l.c.* (5).

Cossmannica n. sect (*Pyramidella*, *Eulimella*), type *P. clandestina* Desh. **Dall**, W. H. and **Bartsch**, P. *l.c.* (6).

Egila n. subgen. (*Odostomia*), type *Chrysallida lacunata* Cpr. **Dall**, W. H. and **Bartsch**, P. *l.c.* (11).

Eulimella nn. spp. Persian Gulf, Arabian Sea. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (55–56, with figs.); *E.* nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (36, with fig.); *E.* (*Anisocycla*) *marylandica*† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

Evalina n. subgen. (*Odostomia*), type *O.* (*Evalina*) *americana*. **Dall**, W. H. and **Bartsch**, P Washington, D.C., Proc. Biol. Soc., **17**, 1904, (12).

Folinella n. subgen. (*Odostomia*), type *Amoura anguliferens* De Fol. **Dall**, W. H. and **Bartsch**, P. *l.c.* (10).

Haldra n. subgen. (*Odostomia*), type *Chrysallida photis* Cpr. **Dall**, W. H. and **Bartsch**, P. *l.c.* (11).

Heida n. subgen. (*Odostomia*), type *Syrnola caloosaensis* Dall. **Dall**, W. H. and **Bartsch**, P. *l.c.* (13).

Iphiana n. subgen. (*Pyramidella*), type *Syrnola densistriata* Garrett. **Dall**, W. H. and **Bartsch**, P. *l.c.* (6).

Ividia n. subgen. (*Odostomia*), type *Parthenia armata* Cpr. **Dall**, W. H. and **Bartsch**, P. *l.c.* (11).

Lancella n. subgen. (*Turbonilla*), type *T.* (*Lancea*) *elongata* Pse. **Dall**, W. H. and **Bartsch**, P. *l.c.* (9).

Lysacme n. subgen. (*Odostomia*), type *Chrysallida clausiliformis* Cpr. **Dall**, W. H. and **Bartsch**, P. *l.c.* (14).

Macrochilina† nn. spp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]–454).

Milda n. subgen. (*Pyramidella*), type *Obeliscus ventricosus* Quoy. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (4).

Mumiola carbasea n. sp. Arabian Sea. **Melvill**, J. C. J. Malac., London, **11**, 1904, (83, with fig.).

Odostomia nn. spp.; *O.* (*Odetta*) *callipyrga* n. nom. = *Odetta elegans* De Fol. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (12–16); *Odostomia*† nn. spp. Maryland. **Martin**, G. C. Maryland Geol.

Surv., Miocene, Baltimore, 1904, (131–270, with pl.); *O. dorica* n. sp. Persian Gulf. **Melvill**, J. C. J. Malac., London, **11**, 1904, (82, with fig.).

Orinella n. subgen. (*Pyramidella*), type *Orina pinguicula* A. Ads. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (6).

Pyramidella nn. spp., *P.* (*Ulfa*) *cossmanni* n. nom. = *Syrnola striata* Cossman. **Dall**, W. H. and **Bartsch**, P. *l.c.* (5, 14).

Saccoina n. nom., type *Spica monterosatoi* Sacco. **Dall** and **Bartsch**. *l.c.* (8).

Stomega n. nom. (*Odostomia*), type *O. conspicua* Ald. **Dall**, W. H. and **Bartsch**, P. *l.c.* (13).

Sulcorinella n. subgen. (*Pyramidella*), type *P.* (*Sulcorinella*) *dodona*. **Dall**, W. H. and **Bartsch**, P. *l.c.* (6).

Syrnola africana † n. sp. **Oppenheim**, P. *In*: Esch, Beiträge Geol. Kamerun, **1904**, (243–285); *S. ambagiosa* n. sp. Persian Gulf. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (55, with fig.).

Syrnolina n. subgen. (*Pyramidella*), type *Syrnola rubra* Pse. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc Biol. Soc., **17**, 1904, (6).

Turbonilla nn. spp. Gulf of Oman. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (162–163, with figs.); nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (29-31); nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (36, figs.); *T. augustissima* n. sp. Persian Gulf. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (55, with fig.); *T.* (*Baldra*) *archeri* n. sp. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (15); *T.* (*Tragula*) *gubernatoria* † n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

Ulfa n. subgen. (*Pyramidella*), type *P.* (*Ulfa*) *cossmanni*. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (5).

Vagna n. subgen. (*Pyramidella*), type *P. paumotensis* Tryon. **Dall**, W. H. and **Bartsch**, P. *l.c.* (5).

Vilia n. subgen. (*Odostomia*), type *O. pilsbryi*. **Dall**, W. H. and **Bartsch**, P. *l.c.* (10).

Visma n. subgen. (*Turbonilla*), type *Eulimella tenuis* Sby. **Dall**, W. H. and **Bartsch**, P. *l.c.* (8).

Voluspa n. subgen. (*Pyramidella*), type *P. auricoma* Dall. **Dall**, W. H. and **Bartsch**, P. *l.c.* (4).

Vulnus n. sect. for *Planispira endoptycha* Martens. **Sykes**, E. R. J. Malac., London, **11**, 1904, (88).

RACHIGLOSSA.

Muricidae.

General.

Uchiyama, R. . . . [*Muricidae* of Japan.] (Japanese) Dōbutsu. Z., Tōkyō, **16**, 1904, (121–129, with pl.).

Special.

Clavilithes † nn. spp. **Grabau**, A. W. Washington, D.C., Smithsonian Inst. Misc. Collect., **44**, (No. 1417), 1904, (iii + 192, with pl.); *C. columbaris* † n. sp. Mississippi and Alabama, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97–101, with pl.).

Ecphora tricostata † n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

Magilus antiquus † L. **Vávra**. Vesmír, Prag, **33**, 1904, (193-194); *M. grandis* † n. sp. **Tornquist**, A. Frankfurt a. M., Abh. Senckenb. Ges., **27**, 1904, (321–338, mit 1 Taf.).

Murex brandaris, développement des spermies apyrènes. **Stephan**, P. Paris, C.-R. soc. biol., **55**, 1903, (810–811); *M. camerunensis* † n. sp. **Oppenheim**, P. *In*: Esch, Beiträge Geol. Kamerun, **1904**, (243-285); *M.* (*Pteronotus*) *exquisitus* n. sp. hab. incert. **Sowerby**, G. B. London, Proc. Malac. Soc., **6**, 1904, (176, with fig.); *M. multispinosus* n.sp. Philippines. **Sowerby**, G. B. *l.c.* (7, with fig.); *M.* (*Ocinebra*) *sykesi* n. sp. Ceylon. **Preston**, H. B. J. Malac., London, **11**, 1904, (76, with fig.).

Ocinebra monoptera n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (17).

Purpura lapillus variation. **Bigelow**, R. P. and **Conant**, H. S. Wood's Holl, Mass., Mar. Biol. Lab. Bull., **2**, 1901, (361-362); *P. texturata* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (32, with fig.); *P. tosana* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (17).

Sistrum (*Ricinula*) *morus* var. *borealis* n. var. Japan. **Pilsbry**, H. A. *l.c.* (18).

Trophon nn. spp. **Strebel**, H. Zool. Jahrb., Jena, Abt. F. Syst., **21**, 1904, (203–242); *T. tetricus* var. *laevis*† n. var. *T. chesapeakeanus*† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

Coralliophilidae.

Coralliophila dissimulans n. sp. Ceylon. **Preston**, H. B. J. Malac., London, **11**, 1904, (77, with figs.); *C. jeffreysi* var. *hiradoensis* n. var. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (16).

Columbellidae.

Columbella nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1900, (14-16); *C.* (*Astyris*) *agatha* n. sp. Persian Gulf. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (52, with fig.); *C. calvertensis*† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.); *C.* (? *Macrurella*) *subcarinata*† n. sp. **Oppenheim**, P. *In*: Esch, Beiträge Geol. Kamerun, **1904**, (243–285); *C. pyramidalis* Sby. note. **Smith**, E. A. J. Malac., London, **11**, 1904, (30).

Nassidae.

Bullia (*Pseudostrombus*) *strenaria* n. sp. Persian Gulf. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (51, with fig.); *B. trifasciata* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (34, fig.).

Nassa. Sur les fibres musculaires du cœur. **Mader**. Paris, C.-R. Acad. sci., **138**, 1904, (1537–1538); *N.*† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–370, with pl.); *N.* (*Phrontis*) nn. spp. Ceylon, Calcutta. **Preston**, H. B. J. Malac., London, **11**, 1904, (76, with fig.); *N. mutabilis*, le développement des spermies apyrènes. **Stephan**, P. Bibliogr. anat., Nancy, **12**, 1903, (77–82, av. fig.); *N. poecilosticta* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (33, with fig.); *N. semiplicata* nn. subspp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (20).

Buccinidae.

Buccinum sp. aff. *coloratum* Eichw. var. *sarmatica*† n. var. **Laskarev**, V. St. Peterburg, Mem. Com. géolog., (N. Ser.), **5**, 1903, (96–97); *B.*† nn. spp. **Oppenheim**, P. *In*: Esch, Beiträge, Geol. Kamerun, **1904**, (243–285).

Chrysodomus patuxentensis† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

Cominella ovalina† n. sp. Saratov district. **Archangelskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (155–156, pl. XI); *C.* (?) *sulcata* Sby. is probably a *Daphnella*. **Smith**, E. A. J. Malac., London, **11**, 1904, (28); *C. unifasciata* Sby. is a synonym of *Purpura castanea* Dkr. **Smith**, E. A. *l.c.* (33).

Cyllene japonica n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (19).

Metula mitrella Ad. and Roe, is a synonym of *M. hindsi* Ad. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (453–473); **14**, 1904, (1–14).

Phos tabidus n. sp. N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (191, pl. VIII, fig. 18).

Pseudoliva† nn. spp. **Oppenheim**, P. *In*: Esch., Beiträge Geol. Kamerun, **1904**, (243–285); *P. krischtafowitschi*† n. sp. Saratov district. **Archangelskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (156–158, pl. XI).

Siphonalia† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

Tritonidea tosana n. sp. Japan. **Pilsbry,** H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (19).

Fasciolaridae.

Clavellofusus† n. gen., *C. spiratus*†, *C. tuberculatus*†, *C. macrospiratus*† nn. spp. **Grabau,** A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., **44**, (No. 1417), 1904, (99).

Cosmolithes† n. gen., (genotype *Fusus uniplicatus* Lamarck.), *C. subuniplicatus*†. **Grabau,** A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., **44**, (No. 1417), 1904, (142).

Euthriofusus burdigalensis var. *carinatus* n. var. **Grabau,** A. W. *l.c.* (iii + 192, with pl.).

Falsifusus n. gen., type *Fusus meyeri* Aldrich (= *F. ottonis* Aldrich.) **Grabau,** A. W. *l c.* (80).

Fasciolaria, embryology. **Osborn,** H. L. Amer. Nat., Boston, Mass., **38**, 1904, (869–884, with text fig.).

Fulgurofusus n. gen., (genotype *Fusus quercollis* Harris.) **Grabau,** A. W. Washington, D. C., Smithsonian Inst., Misc. Collect., **44**, (No. 1417), 1904, (86).

*Fusus**†, phylogeny. **Grabau,** A. W. *l.c* (iii + 192, with pl.); *F.* nn. spp. nn. varr. *l.c.* (66); *F. cingulatus* n. sp. Port Alfred. **Smith,** E. A. J. Malac., London, **11**, 1904, (30, fig.); *F.* (?) *schrammeni*† n. sp. Germany. **Wolleman,** A. Berlin, Jahrb. geol. Landesanst., **24**, (1903), 1904, (22–42); *F. suboblitus* n. sp. Japan. **Pilsbry,** H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (18); *F. supramoerchi*† n. sp. Saratov district. **Archangelskij,** A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (158–159, pl. X).

Heilprinia† n. gen., (genotype *Fusus caloosaensis* Heilprin.) **Grabau,** A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., **44**, (No. 1417), 1904, (87).

Latirus elaboratus† n. sp. Alabama, Eocene. **Aldrich,** T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97–101, with pl.); *L. incompletus* † n. sp. **Oppenheim,** P. *In*: Esch, Beiträge, Geol. Kamerun, **1904**, (243–285).

Rhopalithes† n. gen., *R. rugoides*†, *R. clarelloides*†, *R. tuberculoides*† nn. spp. **Grabau,** A. W. Washington, D.C., Smithsonian Inst., Misc. Collect., **44**, (No. 1417), 1904, (135).

Sycum bulbiforme† n. sp. **Oppenheim,** P. *In*: Esch., Beiträge Geol. Kamerun, **1904**, (243–285).

Mitridae.

Mitra hirasei n. sp. Japan. **Pilsbry,** H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (12); *M. mariana*† n. sp. Maryland. **Martin,** G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.); *M. stephanucha* Melv. note, with n. var. **Melvill,** J. C. J. Malac., London, **11**, 1904, (86); *M. townsendi* n. sp. Persian Gulf. **Melvill,** J. C. London, Proc. Malac. Soc, **6**, 1904, (163, with fig.).

Thala ceylonica n. sp. Ceylon. **Preston,** H. B. J. Malac., London, **11**, 1904, (76, fig.); *T. ogasawarana* n. sp. Japan. **Pilsbry,** H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (13).

Volutidae.

Admetopsis? elevata† n. sp. New Mexico. Cretaceous. **Johnson,** D. W. Sch. Mines, Q., New York, N.Y., **24**, 1903, (173–246, with pl.).

Rostellites dalli var. *wellsi*† n. var. New Mexico. Cretaceous. **Johnson,** D. W. *l.c.* (173-246, with pl.).

Voluta brazieri Cox is, from the type, probably a monstrosity of *V. deliciosa* Montrz. **Smith,** E. A. London, Proc. Malac. Soc., **6**, 1904, (178).

Marginellidae.

Marginella nn. spp. Port Alfred. **Smith,** E. A. J. Malac., London, **11**, 1904, (31-32, with figs.); *M. calvertensis*† n. sp. Maryland. **Martin,** G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.); *M.* (*Cryptospira*) *robusta* n. sp. Ascension Island. **Sowerby,** G. B. London, Proc. Malac. Soc., **6**, 1904, (175, with fig.).

Olividae.

Ancilla nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (29, figs.).

Oliva gibbosa Born, variation. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (64–65, with fig.): *O. harrisi*† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

Olivella zintgrafi† n. sp. **Oppenheim**, P. *In*: Esch., Beiträge Geol. Kamerun, **1904**, (243–285).

TOXOGLOSSA.

Terebridae.

Parviterebra paucivolvis n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (5).

Terebra nn. spp. Japan. **Pilsbry**, H. A. *l.c.* (4); *T.* (*Acus*) *curvilineata*† nn. varr., *T.* (*Hastula*) *patuxentia*† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.); *T. hedleyi* Tate, synonymous with *Cingulina circinata* A. Ad. **Smith**, E. A. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (211); *T. suspensa* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (30, with fig.).

Conidae.

Ancistrosyrinx orientis n. sp. Persian Gulf. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (56, with fig.).

Clathurella nn. spp. Persian Gulf. **Melvill**, J. C. *l.c.* (58–59, with figs.); nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (11–12); *C. bulleni* n. sp. Ceylon. **Preston**, H. B. J. Malac., London, **11**, 1904, (75, with fig.); *C. crassilirata* n. sp. Port Alfred. **Smith**, E. A. *l.c.* (27, with fig.); *C. perlissa* n. sp. off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (460); *C. polyhymnia* n. sp. Gulf of Oman. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (165, with fig.).

Conus nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (3–37, with pl.); *C. comatosa* n. nom. = *C. dormitor* Pilsbry. Japan. **Pilsbry**, H. A. *l.c.* (550–561, with pl.); *C. coromandelicus* is a *Conorbis*, with notes. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (170); *C. waltonensis*† n. sp. Florida and Alabama. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **19**, 1903, (131–132, with text fig.).

Cythara nevilliana n. sp. Ceylon. **Preston**, H. B. J. Malac., London, **11**, 1904, (75, with fig.).

Daphnella nn. spp. Gulf of Oman. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (167, with figs.); *D. cassandra* n. sp. from Sydney and Tasmania. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (187, pl. VIII, fig. 17); *D. eulimenes* n. sp. Gulf of Oman. **Melvill**, J. C. J. Malac., London, **11**, 1904, (84, with fig.); *D. radula* n. sp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (8).

Drillia† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.); *D.* nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (7–8); *D.* nn. spp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (26–27, with figs.); *D. worthingtoni* n. sp. off Andaman Is. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (460).

Glyphostoma siren n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (28, with figs.).

Mangilia† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.); *M.* nn. spp. Persian Gulf. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (57, 58, 165–167); *M.* nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (9–10); *M. alfredi* n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (29, with fig.); *M. posidonia* n. sp. Gulf of Oman. **Melvill**, J. C. *l.c.* (84, with fig.).

Mitromorpha substriata Suter, transferred from genus *Daphnella*. **Hedley**, C. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (97); *M. volva* Sby. var. **Smith**, E. A. J. Malac., London, **11**, 1904, (31).

Pleurotoma† nn. spp. Saratov district. **Archangelskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904 (162–166, pl. XI); *P.*† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.); *P.* nn. spp. Gulf of Oman. **Melvill**, J. C. London, Proc. Malac Soc., **6**, 1904, (164, with figs.); *P.*† nn. spp. **Oppenheim**, P. *In*: Esch, Beiträge Geol. Kamerun, **1904**, (243-285); *P.* (*Drillia*) *caseyi*† n. sp. Mississippi, Eocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97–101, with pl.); *P.* (*Surcula*) *margaritae* n. sp. off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (458); *P. travancorica* n. var. **Smith**, E. A. *l.c.* (453–473); **14**, (1-14); *P. trypanodes* n. sp. Arabian Sea. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (57, with fig.).

Surcula mariana† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

Cancellariidae.

Cancellaria† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.); *C. bifoliata*† n. sp. Florida, Oligocene. **Aldrich**, T. H. Nautilus, Philadelphia, Pa., **16**, 1903, (97–101, with pl.).

Cancellariella† n. subgen. (*of Cancellaria*). Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (168).

INCERTAE SEDIS.

Enteroxenos östergreni, zur Kenntnis der Spermiogenese. **Bonnevie**, K. Biol. Centralbl., Leipzig, **24**, 1904, (267–274, 306–310).

PROSOBRANCHIATA NOT FURTHER CLASSIFIED BY SLIPMAKER.

Burtonilla n. gen. for *Turbonilla* (?) *crebriformis* Smith. **Smith**, E. A. London, Proc. Malac. Soc., **6**, 1904, (97).

Cynisca fortisulcata n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (38, with fig.).

Euomphalopterus alatus† nn. var. **Kindle**, E. M. and **Breger**, C. L. Indiana, Rep. Dept. Geol. Nat. Res., Indianapolis, **28**, (1903), 1904, (428–486, with pl.).

Fritschia n. gen., *F. multicostata*†, *F. paucicostate*† nn. spp. mittel-deutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst, **22**, 1904, (487).

Girandia minor, *G. tanganyicensis*, figured. **Smith**, E. A. London, Proc. Malac. Soc., **6**, 1904, (96).

Phragmostoma chautauquae† n. sp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]–454).

Pseudotylostoma† n. gen., *P. romeroi*† n. sp. Argentine. **Ihering**, H. von. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (207).

Styloptygma lacteola n. sp. Ceylon. **Preston**, H. B. J. Malac., London, **11**, 1904, (77, fig.).

Tectospira† n. gen., *T. chopi*† n. sp. mittel-deutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (479).

Tropidocyclus hyalinus† n. sp. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]–454).

OPISTHOBRANCHIATA.

Mazzarelli, G. Note biologiche sugli opistobranchi del Golfo di Napoli, Parte I^{a}: Tettibranchi. Milano, Atti Soc. ital. sc. nat., **40**, fasc. 4°, 1902, (291–314).

TECTIBRANCHIATA.

Actaeon calvertensis† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.); *A. camerunensis*† n. sp. **Oppenheim**, P. *In*: Esch., Beiträge Geol. Kamerun, **1904**, (243–285); *A. difficilis*† n. sp. Saratov district. **Archangelskij**, A. Mater. geol. Ross., St. Peterburg, **22**, 1904, (168–169, pl. XI); *A. globulinus* Forbes, figured.

Sykes, E. R. London, Proc. Malac. Soc., **6**, 1904, (29); *A. pulchrior* n. sp. Persian Gulf. **Melvill**, J. C. *l.c.* (168, with fig.).

Actaeonina ovata† n. sp. mitteldeutschen Trias. **Picard**, E. Berlin, Jahrb. geol. Landesanst., **22**, 1904, (445–537).

Aplysia, notes on British forms. **Hunt**, A. R. Plymouth, Trans. Devon. Ass., **36**, 1904, (445–486); Dynamik, Kreislauf und Innervation nebst Bemerkungen zur vergleichenden Muskelphysiologie des Herzens. **Straub**, W. Arch. ges. Physiol., Bonn, **103**, 1904, (429–449); Beiträge zur physiologischen Methodik mariner Thiere. **Straub**, W. Mitt. Zool. Stat. Neapel, Berlin, **16**, 1904, (458–468, mit 1 Taf.); *A. punctata*, élément nucléinien pendant les divisions de maturation dans l'œuf. **Janssens**, F. A. and **Elrington**, G. A. Cellule, Louvain, **21**, 1904, (315–326, pls. I, II).

Atys pransa n. sp. Wollongong, N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (191, pl. IX, figs. 21, 22); *A. submalleata* n. sp. off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (6).

Avellana carolensis† n. sp. **Etheridge**, R. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (109, pl. XV, figs. 3, 4, 11).

Bulla solitaria, centrosome. **Smallwood**, M. Wood's Holl, Mass., Mar. Biol. Lab. Bull., **2**, 1901, (145–154, with text fig.); *B. striatula* Forbes, figured. **Sykes**, E. R. London, Proc. Malac., Soc., **6**, 1904, (37).

Bullina elongata Jeffreys, figured. **Sykes**. *l.c.* (36).

Cylichna† nn. spp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.); *C. andamanica* n. sp. off the Andamans. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (6); *C. hoernesi* Weink., figured. **Sykes**, E. R. London, Proc. Malac. Soc., **6**, 1904, (36); *C. obscura* n. sp. off S. of Ireland. **Sykes**, E. R. *l.c.* (37, with fig.); *C. pithiscus* n. sp. Gulf of Oman. **Melvill**, J. C. *l.c.* (168, with fig.).

Desmopterus papilio Chun, Anatomie und systematische Stellung. **Meisenheimer**, J. Zool. Anz., Leipzig, **27**, 1904, (331–334, 337–340).

Haminea solitaria, development. **Smallwood**, W. M. Amer. Nat., Boston, Mass., **38**, 1904, (207–225, with text fig.).

Leucotina micra Pritchard and Gatliff transferred from genus *Turbonilla*, range extended to N. S. Wales. **Hedley**, C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (187).

Notarchus Cuvier, bibliography of the genus; *N. brevipes* n. sp. **Hägg**, R. *In*: Jägerskiöld, L. A. Res. exped. Egypt, Uppsala, 1904, Pt. 1, (7–13, 3–5).

Philine sykesii n. sp. Persian Gulf. **Melvill**, J. C. London, Proc. Malac. Soc., **6**, 1904, (60, with fig.).

Retusa byssma n. sp. Gulf of Oman. **Melvill**, J. C. *l.c.* (168, with fig.); *R.* (*Cylichnina*) *marylandica*† n. sp. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.); *R. excavata*, *R. lactea* figured. **Sykes**, E. R. London, Proc. Malac. Soc., **6**, 1904, (31); *R. marshalli* n. sp., off Portugal. **Sykes**, E. R. *l.c.* (31, with fig.).

Scaphander ceylanica n. sp., off Ceylon. **Smith**, E. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (5).

Siphonaria nn. spp. Japan. **Pilsbry**, H. A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (36).

Tornatina nn. spp. Japan. **Pilsbry**, H. A. *l.c.* (36–37, with pl.).

Volvula iota† nn. varr. Maryland. **Martin**, G. C. Maryland Geol. Surv., Miocene, Baltimore, 1904, (131–270, with pl.).

NUDIBRANCHIATA.

General.

Bergh, R. Malacologische Untersuchungen. Tl 6, Lfg 1: Nudibranchiata. (Reisen im Archipel der Philippinen von C[arl] Semper. Wissenschaftl. Resultate. Bd 9. Tl 6. Lfg 1.) Wiesbaden, 1904, (57, mit 4 Taf.).

Grosvenor, G. H. Nematocysts of Nudibranchiata. London, Proc. R. Soc., **72**, 1904, (462–486).

SPECIAL.

Aeolis, Nesselkapseln. **Spengel**, J. W. Natw. Wochenschr., Jena, **19**, 1904, (849–854).

Alloiodoris n. gen., *A. marmorata* n. sp. Tasmania. **Bergh**, R. Reisen Philippinen, Wiesbaden, Bd 9, Tl 6, Lfg. 1, 1904, (41).

Archidoris nn. spp. **Bergh**, R. *l.c.* (31, 33).

Bornella digitata Adams, *excepta* Bergh, radula. **Eliot**, C. N. E. London, Proc. Zool. Soc., **1904**, 2, (102); *B. simplex* n. sp. Zanzibar. **Eliot**, C. N. E. *l.c.* (103, with fig.).

Chromodoris nn. spp. Zanzibar. **Eliot**, C. N. E. *l.c.* 1, (387–399, with figs.); *C. elizabethina* Bergh, n. var. **Eliot**, C. N. E. *l.c.* (392); *C. lineata* Souleyet n. var. **Eliot**, C. N. E. *l.c.* (397); *C. reticulata* Pease, figured. **Eliot**, C. N. E. *l.c.* (386).

Coryphella californica n. sp. **Bergh**, R. Reisen Philippinen. Wiesbaden, Bd 9, Tl 6, Lfg. 1, 1904, (6).

Cuthona? bicolor n. sp. **Bergh**, R. *l.c.* (3).

Discodoris nn. spp. Tasmania. **Bergh**, R. *l.c.* (53, 54).

Doris planata, notes. **Eliot**, C. N. E. London, Proc. Malac. Soc., **6**, 1904, (180–181).

Fiona marina, cell-lineage, larval development. **Casteel**, D. B. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (325–405, with pl.); embryology. **Casteel**, D. B. Amer. Nat., Boston, Mass., **38**, 1904, (505–506).

Hexabranchus Ehrenberg, bibliography of the genus; *H. plicatus* n. sp. **Hägg**, R. *In*: Jägerskiöld, L. A. Res. exped. Egypt, Uppsala, 1904, Pt. 1, (13–16, 5–7).

Homoiodoris novae zealandiae n. sp. **Bergh**, R. Reisen Philippinen, Wiesbaden, Bd 9, Tl 6, Lfg. 1, 1904, (35).

Linguella variolosa n. sp. **Bergh**, R. *l.c.* (21).

Marionia nn. spp. E. Africa and Zanzibar. **Eliot**, C. N. E. London, Proc. Zool. Soc., **1904**, 2, (94–98).

Melibe pellucida n. sp. **Bergh**, R. Reisen Philippinen, Wiesbaden, Bd 9, Tl 6, Lfg. 1, 1904, (11).

Nembrotha nn. spp. E. Africa, Zanzibar. **Eliot**, C. N. E. London, Proc. Zool. Soc., **1904**, 2, (91–92, with fig.).

Notodoris minor n. sp. Zanzibar. **Eliot**, C. N. E. *l.c.* (84).

Peronodoris n. gen., *P. cancellata* n. sp. Pacific Ocean. **Bergh**, R. Reisen Philippinen, Wiesbaden, Bd 9, Tl 6, Lfg. 1, 1904, (45).

Pleuroleura alba n. sp. Zanzibar. **Eliot**, C. N. E. London, Proc. Zool. Soc., **1904**, 2, (104).

Sclerodoris is a synonym of *Peronodoris*. **Eliot**, C. N. E. *l.c.* 1, (380).

Sphaerodoris laevis Bergh, n. var. **Eliot**, C. N. E., *l.c.*, 1, (403).

Trevelyana ceylonica Kelaart, *T. crocea* Bergh, *T. bicolor* (?) Alder and Hancock, figured. **Eliot**, C. N. E. *l.c.* 2, (86–87); *T. coccinea* n. sp. E. Africa. **Eliot**, C. N. E. *l.c.* (85, with fig.).

Tritonia nn. spp. **Bergh**, R. Reisen Philippinen, Wiesbaden, Bd 9, Tl 6, Lfg. 1, 1904, (24).

PTEROPODA.

Clione punctata n. sp. **Tesch**, J. J. Siboga Exp. Leide. Livr. 16, Monogr. **52**, 1904, (1–92).

Clionopsis microcephalus n. sp. **Tesch**, J. J. *l.c.* (1–92).

Corolla (*Cymbuliopsis*) *spectabilis* Dall., anatomy. **Heath**, H. and **Spaulding**, M. H. Zool. Jahrb., Jena, Abt. f. Anat., **20**, 1904, (67–80, mit 1 Taf.).

Cymbulia sibogae n. sp. **Tesch**, J. J. Siboga Exp. Leide. Livr. 16, Monogr. **52**, 1904, (1–92).

Cymbuliopsis intermedia n. sp. **Tesch**, J. J. *l.c.* (1–92).

Hyolithes lusitanicus† n. sp. Portugal. **Delgado**, J. F. N. Lisboa, Com. Trab. Geol., **5**, 1904, (355).

Paraclione pelseneeri n. sp. **Tesch**, J. J. Siboga Exp., Leide, Livr. 16, Monogr., **52**, 1904, (1–92).

Peraclis nn. spp. **Tesch**, J. J. *l.c.* (1–92).

Pneumodermia nn. spp. **Tesch**, J. J. *l.c.* (1–92).

Protospirialis† n. gen., type *Platyostoma? minutissima*† Clarke. New York, Devonian. **Clarke**, J. M. Albany Univ., N.Y., Mem. St. Mus., **6**, 1904, (1 l. + [199]–454).

PULMONATA.

General.

Conklin, E. G. Organ-forming germ-regions in the eggs of ascidians and snails. [Abstract.] Amer. Nat., Boston, Mass., **38**, 1904, (501–502).

Sturany, R. Ueber einige von Herrn G. Paganetti - Hummler entdeckte Höhlenschnecken. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (103–107).

Taylor, J. W. Monograph of the land and fresh-water Mollusca of the British Isles. Part X, Vol. 2. Leeds, 1904, (105–160, pls. VII, XIII–XVII).

BASOMMATOPHORA.

Auriculidae.

Carychium bermudense† n. sp. Bermuda. **Gulick**, A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (406–425, with pl.).

Amphibolidae.

Ampullarina africana n. sp. Port Alfred. **Smith**, E. A. J. Malac., London, **11**, 1904, (38, with fig.).

Limnaeidae.

Ameria plicaxis n. sp. Obi. **Sykes**, E. R. J. Malac., London, **11**, 1904 (92, with fig.).

Ancylus. Südamerika. Trockenzeitanpassung. **Boettger**, O. Zool. Anz., Leipzig, **27**, 1904, (264–267); *A. fluviatilis* Müller auf *Dyticus marginalis* L. **Scholz**, R. Insektenbörse, Leipzig, **21**, 1904, (140).

Limnaea (*Gulnaria*) nn. spp. Shantung. **Jones**, K. H. and **Preston**, H. B. London, Proc. Malac. Soc., **6**, 1904, (141–142, with figs.); *L. sickenbergeri* n. sp. Egypt. **Pallary**, P. Cairo, Bull. Inst. Egypt, **1901**, (239–244, with 1 pl.); *L. truncatula* n. var. **Bellini**, R. J. Conch., Leeds, **11**, 1904, (38).

Lucena† *v. Succinea.*

Planorbis corneus, Entwicklung von Niere, Pericard und Herz. **Pötzsch**, O. Zool. Jahrb., Jena, Abt. f. Anat., **20**, 1904, (409–438, mit 3 Taf.); *P. truncatus*, notes. **Baker**, F. C. St. Louis, Mo., Trans. Acad. Sci., **14**, 1904, (107–110).

Physidae.

Dall, W. H. Hawaiian *Physidae*. Nautilus, Philadelphia, Pa., **16**, 1903, (106).

STYLOMMATOPHORA.

Testacellidae.

Glandina bogotensis n. sp. Colombia. **Da Costa**, S. I. London, Proc. Malac. Soc., **6**, 1904, (6, with fig.).

Paryphanta fumosa, anatomy. **Murdoch**, R. Wellington, Trans. N. Zeal. Inst., **36**, 1904, (156–160).

Pseudelma n. gen. (= *Ennea incisa* u. *E. martensiana* Morelet). China. **Kobelt**, W. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (26–30).

Rhytida duplicata n. sp. New Zealand. **Suter**, H. London, Proc. Malac. Soc., **6**, 1904, (155, with fig.).

Sinoennea n. gen. (= *Ennea strophiodes* Gredler). China. **Kobelt**, W. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (26–30).

Streptostyla costaricensis n. sp. Costa Rica. **Da Costa**, S. I. London, Proc. Malac., **6**, 1904, (6, with fig.).

Testacella haliotidea, habits. **Cooke**, A. H. J. Malac., London, **11**, 1904, (49).

Limacidae.

General.

Heynemann, D. F. Some recent slug papers. J. Malac., London, **11**, 1904, (48–49).

Simroth, H. Ueber die von Herrn Dr. Mrázek in Montenegro gesammelten Nacktschnecken unter Hinzunahme verwandten Materiales. Prag, Věstn. České Spol. Náuk, (26. Aufsatz), **1904**, (25, mit 1 Taf.).

——— Ueber die von Herrn Dr. Neumann in Abessinien gesammelten aulacopoden Nacktschnecken. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (673–726, mit 4 Taf.).

SPECIAL.

Agriolimax nn. spp. Abessinien. **Simroth**, H. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (676–694).

Amalia oppoliensis† n. sp. Miocän, Schlesien. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

Ariophanta juliana, generative organs. **Overton**, H. J. Malac., London, **11**, 1904, (12–14, with figs.).

Atoxon erlangeri n. sp. Abessinien. **Simroth**, H. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (700).

Collingea, notes. **Collinge**, W. E. London, Proc. Malac. Soc., **6**, 1904, (9–12).

Coneuplecta moellendorffi n. nom for *C. globulosa*, Mlldff. 1901 non 1900. **Gude**, G. K. J. Malac., London, **11**, 1904, (95).

Damayantia, notes. **Collinge**, W. E. London, Proc. Malac. Soc., **6**, 1904, (9–12); *D. smithi*, notes. **Godwin-Austen**, H. H. *l.c.* (133).

Euconulus turbinatus† n. sp. Bermuda. **Gulick**, A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (406–425, with pl.).

Euplecta pratti n. sp. British New Guinea. **Gude**, G. K. London, Proc. Malac. Soc., **6**, 1904, (114, with fig.).

Hyalinia nn. spp. Corse. **Caziot**. Paris, Mem. Soc. zool., **16**, 1903, (34).

Isselentia, notes. **Collinge**, W. E. London, Proc. Malac. Soc., **6**, 1904, (9–12).

Kaliella nn. spp. Hawaii. **Ancey**, C. F. *l.c.* (119–120, with figs.).

Limax excavatus† n. sp. Miocän, Schlesien. **Andreae**, A. Hildesheim, Mitt. Roemer Mus., **20**, 1904, (22); *L. tenellus* (Müll), note, with exhibition of living examples from the "Forth" area. **Evans**, W. Edinburgh, Proc. R. Physic Soc., **16**, 1904, (22–24); *L. tenellus*, re-establishment as a British species. **Roebuck**, W. D. J. Conch., Leeds, **11**, 1904, (106–109); *L. tenellus* in Scotland. Ann. Scot. Nat. Hist., Edinburgh, **1904**, (218–221); *L. variegatus*, Biologie. **Künkel**, K. Zool. Anz., Leipzig, **27**, 1904, (571–578); *L. variegatus*, note. **Miranda Ribeiro**, A. de. Arch. Mus., Rio de Janeiro, **12**, 1904, (138–139).

Macrochlamys perfragilis var. *shikokuensis* n. var. Japan. **Pilsbry**, H. A. and **Hirase**, Y. Nautilus, Philadelphia, Pa., **16**, 1903, (128–130).

Microcystina higashiyamana n. sp. Japan. **Pilsbry**, H. A. and **Hirase**, Y. *l.c.* (128–130).

Microcystis rufobrunnea n. sp. Hawaii. **Ancey**, C. F. London, Proc. Malac. Soc., **6**, 1904, (119, with fig.).

Parmacella deshayesii, eggs, &c. **Collinge**, W. E. J. Malac., London, **11**, 1904, (49).

Poecilozonites† nn. spp. Bermuda. **Gulick**, A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (406–425, with pl.).

Spirotoxon nn. spp. Abessinien. **Simroth**, H. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (704).

Trochomorpha nn. spp. Engano. **Sykes**, E. R. J. Malac., London, **11**, 1904, (87, with figs.); *T.* (*Nigritella*) *insolata* n. sp. Marschall-Inseln. **Boettger**, O. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (410).

Varania n. gen. (~*Urocyclus*) *V. loennbergi* n. sp. Abessinien. **Simroth**, H. *l.c.* **19**, 1904, (710).

Vitrea hawaiiensis n. sp. Hawaii. **Ancey**, C. F. London, Proc. Malac. Soc., **6**, 1904, (120, with fig.).

Zonitoides bristoli† n. sp. Bermuda. **Gulick**, A. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (406–425, with pl.).

Endodontidae.

Delos, new generic name for *Rhenea* (pre-occ.). **Hutton**, F. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (461).

Endodonta (Charopa) nn. spp. New Zealand. **Webster,** W. H. London, Proc. Malac. Soc., **6**, 1904, (107, 108, with fig.); *E. (C.) transenna* n. sp. New Zealand. **Suter,** H. *l.c.* (156, with fig.); *E. hookeriana* Johnston figured from the type from Tasmania. **Hedley,** C. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (182, pl. VII, fig. 1-3).

Flammulina mathinnae Petterd figured from the type from Tasmania. **Hedley,** C. *l.c.* (182, pl. VIII, fig. 4–6).

Laoma moellendorffi Suter, sinistral specimen. **Suter,** H. London, Proc. Malac. Soc., **6**, 1904, (157); *L. (Phrixgnathus)* nn. spp. New Zealand. **Webster,** W. H. *l.c.* (106, with figs.).

Punctum horneri n. sp. Oahu. **Ancey,** C. F. J. Malac., London, **11**, 1904, (66, fig.); *P. propygmaeum*† n. sp. Miocän, Schlesien. **Andreae,** A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

Pryamidula, variation. **Baker,** F. C. Amer. Nat., Boston, Mass., **38**, 1904, (661–668, with text fig.); *P. mamillata*† n. sp. Miocän, Schlesien. **Andreae,** A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22); *P. strigosa concentrata* in Colorado. **Cockerell,** T. D. A. Nautilus, Philadelphia, Pa., **16**, 1903, (106–107).

Serpho, new generic name for *Carthaea* (pre.-occ.) **Hutton,** F. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (461).

Thermia, new generic name for *Pyrrha* (pre-occ). **Hutton,** F. W. *l.c.* (461).

Helicidae.

General.

Simroth, [H.]. Ueber Philomyciden und Arioniden. Leipzig, Sitz-Ber. natf. Ges., **28–29**, (1901–2), 1903, (32–45).

Special.

Albersia subsphaerica n. sp. Gebi Id. **Fulton,** H. J. Malac., London, **11**, 1904, (54, with fig.); *A. waigiouensis* n. sp. Waigiou. **Sykes,** E. R. *l.c.* (88, with figs.).

Arion hortensis, absence of male generative organs. **Collinge,** W. E. *l.c.* (14–15); *A. subfuscus*, note on two varieties. **Collinge,** W. E. *l.c.* (98).

Ariunculus pallaryi n. sp. Algeria. **Collinge,** W. E. *l.c.* (47).

Ashmunella thompsoniana: pecosensis† n. subsp. New Mexico. **Cockerell,** T. D. A. Nautilus, Philadelphia, Pa., **16**, 1903, (105); *A. townsendi* n. sp. New Mexico. **Bartsch,** P. Washington, D.C., Smithsonian Inst., Misc. Coll. Q., **47**, 1904, (13–14).

Bulimus (?) illustris n. sp. **Rolle,** H. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (35–39, mit 1 Taf.).

Campylea (Beck) *v.* Th., Beschreibung und Bestimmungstabelle der Arten; *C. banatica* Rossm., *C. stenomphala* Mke., *C. trizona* Rossm., *C. planospira* Lam., *C. denudata* Rossm., var. *imberbis* Brus., *C. setosa* Rossm., *C. coerulans* C. Pfr., *C. sadleriana* Rossm., *C. hirta* Mke., *C. intermedia* Fér., *C. cingulella* Rossm., var. *petro-galli*, *C. faustina* Rossm., *C. kiralyköica* Kim., *C. rossmässleri* Pfr., var. *budayi*, *C. horsei* Kim., *C. robustorum* L., varr., *C. aethiops* M.Bielz, var. *petrii* Kim., *C. lapicida* L., *C. personata* Lam., Beschreibung. **Soós,** L. Állatt. Közlem., Budapest, **3**, 1904, (166–179).

Corilla erronella (Nevill, M. S.) n. sp. Ceylon. **Gude,** G. K. J. Malac., London, **11**, 1904, (45, with fig.).

Dorcasia fruticum Müll., Beschreibung. **Soós,** L. Állatt. Közlem., Budapest, **3**, 1904, (182-183).

Eulota globosa n. sp. Shantung. **Jones,** K. H. and **Preston,** H. B. London, Proc. Malac. Soc., **6**, 1904, (140, with fig.).

Eurystoma vittata Albers, anatomy. **Godwin-Austen,** H. H. *l.c.* (48–50, pl. IV).

Fruticicola (Held) v. Th., Beschreibung und Bestimmungstabelle der Arten; *F. hispida* L., *F. pietruskyana* Pf., *F. unidentata*, var. *edentula* Drap., *F. sericea* Drap., *F. bielzi* E. A. Bielz, *F. leucozona* C. Pfr., *F. filicina* Pfr., *F. incarnata* Müll., *F. umbrosa* C. Pfr., *F. dibothryon* Kim., *F. bidens* Chemn., *F. transylvanica* West, *F. rubiginosa* A. Schm., *F. vicina* Rossm., *F. cinctella* Drap., *F. erjaveci* Brus. varr., *F. dacica* Soós, *F. lubomirskii* Slósarski, *F. hirci* Cless, *F. strigella*

Drap., Beschreibung. **Soós**, L. Állatt. Közlem., Budapest, **3**, 1904, (150–160); *F. erjavecі* Brus. nn. varr., *F. dacica* n. sp. Ungarn. **Soós**, L. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (295).

Gonostoma Held, Beschreibung und Bestimmungstabelle der Arten; *G. holoserica* Studer, *G. obvoluta* Müll., *G. diodonta* Fér., *G. triaria* Rossm., varr. **Soós**, L. Állatt. Közlem., Budapest, **3**, 1904, (179–182).

Helix (L.) *v.* Th., Beschreibung und Bestimmungstabelle der Arten; *H. hortensis* Müll., *H. nemoralis* L., *H. vindobonensis* Fér., *H. vermiculata* Müll., *H. pomatias* L., *H. secermenda* Rossm., *H. lutescens* Rossm., *H. cincta* Müll, *H. aspersa* Müll., Beschreibung. **Soós**, L. *l.c.* (160–166); *H.* nn. spp. Corse. **Caziot**. Paris, Mem. soc. zool., **16**, 1903, (35-36); *H. aspersa*, reversed. **Welch**, R. and **Stelfox**, A. W. Irish Nat., Dublin, **13**, 1904, (189, with fig.); *H. fourtaui* n. sp. Egypt. **Pallary**, P. Cairo, Bull. Inst. Egypt, **1901**, (239–244, with 1 pl.); *H. portensis* Müller und *H. nemoralis* L., Varietätenbildung. **Lang**, A. Jena, Denkschr. med. Ges., **11**, 1904, (437–506); *H. nemoralis*, sinistral. **Collier**, E. J. Conch., Leeds, **11**, 1904, (57); *H. nemoralis*, variation. **Winkworth**, J. T. Stratford, Essex Nat., **13**, 1904, (256); *H. pomatia* L. Funktion der Speicheldrüse. **Gorka**, S. Állatt. Közlem., Budapest, **3**, 1904, (211–226); *H. pomatia*, sinistral. **Jennings**, F. B. J. Conch., Leeds, **11**, 1904, (96); *H. pomatia*, structure du spermatozoïde. **Lee**, A. B. Cellule, Louvain, **21**, 1904, (79–116, av. 1 pl.); évolution du spermatozoïde. **Lee**, A. B. *l.c.* (401–444, av. 2 pls.).

Hygromia (*Fruticicola*) *neudorfensis*† n. sp. Miocän, Schlesien. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

Iberus Montfort. **Ko[belt**, W.]. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (88).

Leucochroa arabica n. sp. Egypt. **Pallary**, P. Cairo, Bull. Inst. Egypt, **1901**, (239–244, with 1 pl.).

Obba subgranulata n sp. Batjan. **Sykes**, E. R. J. Malac., London, **11**, 1904, (89, with fig.).

Otala Shum. **Kobelt**, W. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (88).

Papuina nn. spp. Batjan, Gebi Id. **Sykes**, E. R. *l.c.* (90, with figs.); *P. fallax* n. sp. Gebo Island. **Fulton**, H. *l.c.* (53, with fig.); *P. lanceolata* n. var. **Sykes**, E. R. *l.c.* (91); *P. unicolor* Pfr. from Gebi Id. **Fulton**, H. *l.c.* (53).

Planispira (*Cristigibba*) nn. spp. Gebi Id., Obi. **Sykes**, E. R. *l.c.* (88, 89, with figs.); *P. endoptycha* Martens, n. var. **Sykes**, E. R. *l.c.* (88).

Ostracolethe fruhstorferi Limo. **Simroth**, H. Zs. wiss. Zool., Leipzig, **76**, 1904, (612-672, mit 1 Taf.).

Solaropsis rugifera var. *juruanus* n. var. Brazil. **Ihering**, H. von. San Paulo, Rev. Mus., **6**, 1904, (456).

Sonorella nn. spp. **Bartsch**, P. Washington, D.C., Smithsonian Inst. Misc. Coll. Q., **47**, 1904, (190–197, with pl.); *S. wolcottiana* not *walcottiana*. **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (101).

Strophocheilus (*Eurytus*) nn. spp. Colombia, Brazil. **Da Costa**, S. I. London, Proc. Malac. Soc., **6**, 1904, (5, with figs.).

Systrophia moellendorffi n. sp. **Rolle**, H. Frankfurt a. M., NachrBl. B. Malakozool. Ges., **36**, (1904, (35-39).

Theba aculeata Müll., *T. pulchella* Müll., Beschreibung. **Soós**, L. Állatt. Közlem., Budapest, **3**, 1904, (183–184).

Thersites, critical list of the *Sphaerospira* section, with forms figured and n. var. of *T. lessoni*. **Fulton**, H. J. Malac., London, **11**, 1904, (2–11, pl. I); *T. beddomae* is a variety of *bellendenkerensis*. **Fulton**, H. *l.c.* (1); *T. concors* n. sp. Queensland. **Fulton**, H. *l.c.* (8, with figs.).

Tropaeas n. subgen. (*Pyramidella*) type *P. subulata* A. Ads. **Dall**, W. H. and **Bartsch**, P. Washington, D.C., Proc. Biol. Soc., **17**, 1904, (5).

Xanthomelon bednalli n. sp. Central Australia. **Ponsonby**, J. H. London, Proc. Malac. Soc., **6**, 1904, (182, with fig.).

Xerophila (Held) v. Th., Beschreibung und Bestimmungstabelle der Arten; *X. adelpha* Soós, *X. obvia* Hartm., *X. remota* Kim. *X. homoleuca* Sabljav and

Kučik, var. *littoralis* Soós, *X. ammonis* (A. Schm.) Strobel, *X. profuga* A. Schm., *X. liburnica* Stoss., *X. instabilis* Rossm., varr , *X. cereoflava* M. Bielz, *X. striata* Müll., varr., *X. trochoides* Poiret, var. *conica* Drap., *X. zelebori* Pfr., var. *adarella* Servain, *X. carthusiana* Müll., *X. olivieri* Fér., Beschreibung. **Soós**, L. Állatt. Közlem , Budapest, **3**, 1904, (139–150); *X. homoleuca* Šabljav and Kučik, Beschreibung, var. *littoralis* n. var., *X. adelpha* n. sp. Ungarn. **Soós**, L. Budapest, Ann. Hist. Nat. Mus. Nat. Hung., **2**, 1904, (293-294).

Bulimulidae.

Amphidromus gossi n. sp. Borneo. **Bartsch**, P. Washington, D.C., Smithsonian Inst., Misc., Coll. Q., **47**, 1904, (292–293, with pl.); *A. palaceus*, subcarinate variety. **Bullen**, R. A. London, Proc. Malac. Soc., **6**, 1904, (109); *A. weyersi* n. sp. Borneo. **Dautzenberg**, P. Bruxelles, Ann. soc. roy. malac., **38**, (1903), 1904, (Mém. 4–6).

Bulimulus nn. spp. **Rolle**, H. Frankfurt a. M., NachrBl. D. malakozool. Ges. **36**, 1904, (35–39).

Drymaeus multispira n. sp. Bolivia. **Da Costa**, S. I. London, Proc. Malac. Soc., **6**, 1904, (5).

Thaumastus sangoae, *T. bitaeniatus*, epiphragms. **Smith**, E. A. *l.c.* (3, 4, with fig.)

Pupidae.

Anoma, notes, with figs. of several forms and n. var. of *A. fuscolabris*. **Sykes**, E. R. *l.c.* (152–154, pl. IX).

Buliminus andersonianus var. *echigoensis* n. var. Japan. **Pilsbry**, H. A. and **Hirase**, Y. Nautilus, Philadelphia, Pa., **16**, 1903, (128–130).

Clausilia (*Albinaria*) *holtzi* n. sp. Kreta. **Sturany**, R. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (110); *C. itala*, study of variation. **Weldon**, W. F. R. Biometrika, Cambridge, **3**, 1904, (299–307); *C. (Laminifera) fischeri* n. sp. **Boettger**, O. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (79–80).

Ena (*Cerastus*) *lagariensis* n. sp British East Africa. **Smith**, E. A. London, Proc. Malac. Soc., **4**, 1904, (68, with fig.).

Jaminia muscorum, sinistral. **Baldwin**, J. W. J. Conch., Leeds, **11**, 1904, (11).

Lyropupa nn. spp. Hawaiian Is. **Ancey**, C. F. *l.c.* (122–124, with figs.); *L. mirabilis*, *L. magdalenae* nn. varr. **Ancey**, C. F. J. Malac., London, **11**, 1904, (68); *L. lyrata* Gould, note, *L. mirabilis* Ancey, *L. perlonga* Pease, figured. **Ancey**, C. F. London, Proc. Malac. Soc., **6**, 1904, (125, 126).

Nenia huancabambensis n. sp. **Rolle**, H. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (38).

Perrieria canefriana n. sp. Obi. **Sykes**, E. R. J. Malac., London, **11**, 1904, (91, with fig.).

Pupa similis var. *guidoni* n. var. Corse. **Caziot**. Paris, Mem. Soc. zool., **16**, 1902, (33–40).

Serrulina collasi n. sp. **Sturany**, R. Frankfurt a. M., NachrBl. D. malakozool. Ges., **36**, 1904, (103–107).

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Stenogyridae.

Opeas, notes on, with n. var. of *O. prestoni*. **Sykes**, E. R. London, Proc. Malac. Soc., **6**, 1904, (112); *O. henshawii* n. sp. Hawaii. **Sykes**, E. R. *l.c.* (112); *O. heptagyrum* n. sp. Marschall-Inseln. **Boettger**, O. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (409–412).

Pseudoglessula nn. spp. German E. Africa. **Smith**, E. A. London, Proc. Malac. Soc., **6**, 1904, (68–69, with figs.).

Stenogyra retteri Rosen mss. Turkestan. **Ko[belt**, W.]. Frankfurt a. M., NachrBl. D. malakozool. Ges. **36**, 1904, (86).

Subulina lagariensis n. sp. British E. Africa. **Smith**, E. A. London, Proc. Malac. Soc., **6**, 1904, (69, with fig.).

Achatinellidae.

GENERAL.

Gulick, J. T. Divergence under the same environment as seen in the Hawaiian snails. [*Achatinellidae.*] [Abstract.] Amer. Nat., Boston, Mass., **38**, 1904, (494–496).

SPECIAL.

Amastra luctuosa Pfr. n. var., with fig. of *A. henshawi* Ancey. **Ancey**, C. F. London, Proc. Malac. Soc., **6**, 1904, (121); *A. rex* n. sp. Hawaiian Is. **Sykes**, E. R. Ann. Mag. Nat. Hist., London, **14**, 1904, (159, with fig.).

Auriculella nn. spp. Molokai, Oahu. **Ancey**, C. F. London, Proc. Malac. Soc , **6**, 1904, (120, 121, with figs.).

Carelia turricula Mighels, *C. fuliginea*, Pfr. nn. varr. **Ancey**, C. F. *l.c.* (121–122).

Succineidae.

Succinea nn. spp. Hawaiian Is. **Ancey**, C. F. London, Proc. Malac. Soc. **6**, 1904, (117–119, with figs.); *S. carta* nn. varr. **Ancey**, C. F. *l.c.* (117); *S.* (*Lucena*) *oblonga*•† Drp., Ursprung. **Kormos**, T. Állatt. Közlem., Budapest, **3**, 1904, (184); *S. oblonga*, white var. **Wright**, C. E. J. Conch., Leeds, **11**, 1904, (96); *S. ovalis*, variation. **Walker**, B. Lansing, Rep. Mich. Acad. Sci., **6**, 1904, (187).

Vaginulidae.

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Triptychia margaretae† n. sp. Miocäns, Schlesen. **Andreae**, A. Hildesheim, Mitt. Roemer-Mus., **20**, 1904, (22).

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NAUTILOIDEA.

Amphoreopsis† n. gen. for *A. paucicamerata* n. sp. Carboniferous. Isle of Man. **Crick**, G. C. London, Proc. Malac. Soc., **6**, 1904, (134).

Cyclolituites bowningensis n. sp. **Etheridge**, R. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (75–77, with 1 pl.).

Lituites (Ophidioceras?) herculeus carrollensis† n. var. **Kindle**, E. M. and **Breger**, C. L. Indiana Rep. Dept. Geol. Nat. Res., Indianopolis, **28**, (1903), 1904, (428–486, with pl.).

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Ptychoceras (?) *closteroides*† n. sp. **Etheridge**, R. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (110, Plate XV, figs. 6–9).

Scaphites eurciformis† Eth. fil., notes and figures. **Etheridge**, R. *l.c.* (112, pl. XIV, fig. 10: pl. XV, fig. 10).

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Barroisiceras brancoi† n. sp. **Solger**, F. *In*: Esch, Beiträge Geol. Kamerun, Stuttgart, **1904**, (83–242).

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Braunsella† n. nom. for *Braunsina*†. Buckman, preocc. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **1904**, (cii).

Canavarella† n. gen., type *C. belophora*† n. sp. Oolite, Brit. Isles. **Buckman**, S. S. *l.c.* (CXXIX).

Canavarina† n. nom. for *Canavaria*† Buckman. **Buckman**, S. S. *l.c.* (CXLI).

Ceratites† nn. spp. **Philippi**, E. Geol. u. palaeont. Abh., Jena, (N.F.), **4**, 1901, (345–458); *C. rombergi*† n. sp. **Philipp**, H. Berlin, Zs. D. geol. Ges., **56**, 1904, Aufsätze, (1–98); *C. vogdesi*† n. sp. Nevada, Trias. **Smith**, J. P. San Francisco, Proc. Cal. Acad. Sci. Geol., (Ser. 3), **1**, 1904, (1 l.+323–430).

Clionites† nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (54–56, with pl.).

Coeloceras (*Stephanoceras*) *wysogorskii*† n. sp. *C. crassum*† mut. *mutabilecostata* n. mut., *C. modestum*† mut. *compressa* n. mut. **Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (88–93, Taf. XIX, XXXIV–XXXV).

Darellella† n. gen., type *D. recticostata*† n. sp. Oolite, Brit. Islds. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **1904**, (CVII).

Darellina† n. gen., type *D. planaris*† n. sp. Oolite, Brit. Islds. **Buckman**, S. S. *l.c.* (CVI).

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Deltatoceras†, correction for *Deltoceras*† Buckman, 1902. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **1904**, (CXIX).

Desmoceras†. Hokkaido, Cretaceous. **Yabe**, H. Tokyo, J. Coll. Sci., **20**, Art. 20, 1904, (1–45, with 6 pls.); *D. keilhacki*† n. sp. Germany. **Wolleman**, A. Berlin, Jahrb. geol. Landesanst. **24**, (1903), 1904, (22–42).

Dumorticeria evolutissima† n. sp., mut. *multicostata* n. mut. **Prinz**, G. Földt Evk., Budapest, **15**, 1904, (61, Taf. XXX, XXXVIII).

Episageceras† n. gen., *E. latidorsatum* n. sp. India. **Noetling**, F. N. Jahrb. Min., Stuttgart, Beilagebd, **19**, 1904, (334–376, mit 4 Taf.).

Erycites† nn. spp.; *E. reussi*† mut. *tenuis* n. mut. **Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (79–85, Taf., XVII, XXXI, XXXV, XXXVIII).

Eutomoceras dunni† n. sp. Nevada, Trias. **Smith**, J. P. San Francisco, Proc. Cal. Acad. Sci. Geol., (Ser. 3), **1**, 1904, (1 l. + 323–430).

Flemingites russelli† n. sp. Hyatt and Smith ms. Idaho, Trias. **Smith**, J. P. *l.c.* (1 l. + 323–430).

Frechiella brunsvicensis† n. sp. Lias, Nordwestdeutschlands. **Hoyer**. Centralbl. Min., Stuttgart, **1904**, (385–389); *F. curvata*† n. sp. **Prinz**, G. N. Jahrb. Min., Stuttgart, **1904**, 1, (30–38, mit 1 Taf.).

Grammoceras† v. *Harpoceras.*†

Hamites † nn. spp. **Wolleman**, A. Berlin, Abh. geol. Landesanst., (N.F.), **37**, 1902, (129).

Hammatoceras† nn. spp. **Prinz**, G. und **Hantken**. Földt. Evk., Budapest, **15**, 1904, (70–77, mit Taf., XV, XVIII, XIX, XXX, XXXIV, XXXVIII); *H sieboldi*,† Opp. mut. *branconi* n. mut., *H. subsigne* Opp. mut. *baconica* n. mut. **Prinz**, G. *l.c.* (70–72, mit Taf. XV, XXXVIII).

Harpoceras† nn. spp. **Burckhardt**, C. Palaeontographica, Stuttgart, **50**, 1903, (1–144, mit 16 Taf. u. 2. Kart.); *H.* (*Grammoceras*) *laevigatum*† n. sp. **Hantk.** *In*: **Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (97–98, Taf. XXIII, XXXIV–XXXV); *H.* (*Lioceras*) *amaltheiforme*† Vacek mut. *involuta* n. mut. **Prinz**, G. *l.c.* (109); *H.* (*L.*) *latifalcatum*† n. sp. **Denckm.** and **Steuer**. *In*: **Prinz**, G. *l.c.* (99–101, Taf. XXXII–XXXIII, XXXVII).

Hauericeras†. Hokkaido, Cretaceous. **Yabe**, H. Tokyo, J. Coll. Sci , **20**, Art. 20, 1904, (1–45, with 6 pls.).

Helicoceras†. Hokkaido, Cretaceous. **Yabe**, H. *l.c.* (1–45, with 6 pls.).

Heteroceras†. Hokkaido, Cretaceous. **Yabe**, H. *l.c.* (1–45, with 6 pls.).

Hildoceras† nn. spp., *H. tirolense* var. *pannonica*† n. var. **Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (110–114, mit Taf. XXXI–XXXIV, XXXVII); *H. nodosum*† n. sp. **Hantken**. *In*: **Prinz**, G. *l.c.* (116–117, Taf. V., VI, XVII, XXIV).

Himalayites† nn. spp. Niederländisch-Indien. **Boehm**, G. Palaeontographica, Stuttgart, 1904, Suppl. IV, Lfg. 1, (46).

Hoplites† nn. spp. Niederländisch-Indien. **Boehm**, G. *l.c.* (46).

Hoplitoides koeneni† n. sp. **Solger**, F. *In*: Esch, Beiträge. Geol. Kamerun, Stuttgart, **1904**, (83–242).

Hugia† n. gen., type *H. curva*† n. sp. Oolite, Brit. Islds. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **1904**, (cxi).

Leioceras† v. *Lioceras.*†

Lioceras v. *Harpoceras.*

Lopadoceras† n. gen., type *L. arcuatum*† n. sp. Oolite, Brit. Islds. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **1904**, (cxi).

Lytoceras francisci mut. *compressa*† n. mut. **Hantken**. *In*: **Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (50, Taf. XIII, XXXVII); *L. humile*† n. sp., *L. rasile* var. *humilisimilis*† n. var. **Prinz**, G. *l.c.* (51, 55, mit Taf. XXXI, XXXVII).

Margarites peninsularis n. sp. Alaska. **Dall**, W. H. Alaska (Harriman Expedition), New York, **4**, 1904, ([97]–122, with pl.).

Medlicottia Waag. aus den permischen und triadischen Schichten Indiens. **Noetling**, F. N. Jahrb. Min., Stuttgart, Beilagebd **19**, 1904, (334–376, mit 4 Taf.).

Nathorstites† n. gen., *N. globosus*, *N. lindstromi*, *N. mojsvari* nn. spp. Bäreninsel. Trias. **Böhm**, J. Stockholm, Vet.-Ak. Handl., **37**, No. 3, 1903, (64–67, with pl.).

Neoptychites† nn. spp. Cameroons. **Solger**, F. *In*: Esch, Beiträge Geol. Kamerun, Stuttgart, **1904**, (83–242).

Nipponites† n. gen. Hokkaido, Cretaceous. **Yabe**, H. Tokyo, J. Coll. Sci., **20**, Art. 20, 1904, (20–25).

Oedania† n. gen., type *O. falcigera*† n. sp. Oolite, Brit. Islds. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **1904**, (CVII).

Olcostephanoceras†. Hokkaido, Cretaceous. **Yabe**, H. Tokyo, J. Coll. Sci., **20**, Art. 20, 1904, (1–45, with 6 pls.).

Oppelia gracililobata† Vacek. mut. n. **Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (118, Taf. IV).

Pachydiscus laevicaniculatus† n. sp. Texas. **Lasswitz**, R. Geol. u. palaeont. Abh., Jena, (N.F.), **6**, H. 4, 1904, (1–40).

Paineia† n. gen., type *P. nitens*† n. sp. Oolite, Brit. Islds. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **1904**, (lxxvi).

Pericyclus fasciculatus McCoy sp., note. **Crick**, G. C. Geol. Mag., London, (Ser. 5), **1**, 1904, (27–33, with figs.).

Phylloceras nn. spp., *P. nilssoni* Heb. mut. *altisulcata*† n. mut., mut. *mediojurassica*† n. mut. **Prinz**, G. Földt. Evk., Budapest, **15**, 1904, (30–43, Taf. VII, XII, XXVI–XXX, XXXVI).

Placenticeras?† nn. spp. New Mexico, Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173–246, with pl.).

Pseudotissotia philippii† n. sp. **Solger**, F. *In*: Esch, Beiträge, Geol. Kamerun, Stuttgart, **1904**, (83–242); *P. segnis*† n. sp. **Solger**, F. Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (69–84, mit 1 Taf.).

Schloenbachia† nn. spp. Texas. **Lasswitz**, R. Geol. u. palaeont. Abh., Jena, (N.F.), **6**, H. 4, 1904, (1–40).

Sonneratia supani† n. sp. Texas. **Lasswitz**, R. *l.c.* (1–40).

Sphenodiscus lenticularis Owen und seine Beziehungen zur Gruppe der Tissotien. **Solger**, F. Berlin, Zs. D. geol. Ges., **55**, 1903, Aufsätze, (69–84, mit 1 Taf.).

Stantonoceras n. gen., *S. pseudocostatum*† n. sp. New Mexico, Cretaceous. **Johnson**, D. W. Sch. Mines Q., New York, N.Y., **24**, 1903, (173–246, with pl.).

Stephanoceras† v. *Coeloceras*.†

Stokeia† n. gen., type *S. marmorea*† n. sp. Oolite, Brit. Islds. **Buckman**, S. S. London, Monogr. Palaeont. Soc., **1904**, (CXXVII).

Streblites nouhuysi† n. sp. Niederländisch-Indien. **Boehm**, G. Palaeontographica, Stuttgart, 1904, Suppl. IV, Lfg. I, (46).

Tissotia nn. spp. **Solger**, F. *In*: Esch, Beiträge Geol., Kamerun, Stuttgart, **1904**, (83–242).

Trachyceras† nn. spp. Nevada and California, Trias. **Smith**, J. P. San Francisco, Proc. Cal. Acad. Sci. Geol., (Ser. 3), **1**, 1904, (1 l. + 323–430).

Tropites dilleri† n. sp. California, Trias. **Smith**, J. P. *l.c.* (1 l. + 323–430).

Turrilites† nn. spp. Texas. **Lasswitz**, R. Geol. u. palaeont. Abh., Jena, (N.F.), **6**, H. 4, 1904, (1–40); *T.*† Hokkaido, Cretaceous. **Yabe**, H. Tokyo, J. Coll. Sci., **20**, Art. 20, 1904, (1–45).

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General.

Chun, [C.]. [Verschiedenes über Octopoden.] Verh. D. zool. Ges., Leipzig, **14,** 1904, (243–244).

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Joubin, L. Revision des *Sepiolidae*. Paris, Mém. soc. zool., **15,** 1902, (80–145, av. fig.).

Special.

Actinocamax Miller, identity with *Atractites* Link. **Crick,** G. C. Geol. Mag., London, (Ser. 5), **1,** 1904, (407–410).

Cirrobrachium n. gen., *C. filiferum* n. sp. **Hoyle,** W. E. Cambridge, Mass. Bull. Mus. Comp. Zool. Harvard Coll., **43,** 1904, (28).

Eledone moschata, elektromotorisches Verhalten der Retina. **Piper,** H. Arch. Anat. Physiol., Leipzig, Physiol. Abt., **1904,** (453–474).

Froekenia n. gen., *F. clara* n. sp. **Hoyle,** W. E. Cambridge, Mass., Bull. Mus. Comp. Zool. Harvard Coll., **43,** 1904, (7).

Heteroteuthis weberi n. sp. **Joubin,** L. Paris, Mém. Soc. zool., **15,** 1902, (113).

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LIST OF NEW GENERA AND SPECIES.

Abra [Tellinacea].
——— *marylandica*†. Glenn. 143.

Acanthoceras [Ammonoidea].
——— *eschii*†. Solger. 360.
——— *hoplitoides*†. Lasswitz. 231.
——— *jaekeli*†. Solger. 360.
——— *pfeili*† (?). Walther. 404.

Acanthopecten† n. subgen. [Pseudolamellibranchiata]. Girty. 141.

Aclis [Scalariidae].
——— *beltista*. Melvill. 261.
——— *thesauraria*. Melvill. 266.

Acmaea [Acmaeidae].
——— *cerrillosensis*†. Johnson. 203.
——— *minutissima*. Smith. 344.
——— *monsmoodensis*†. Etheridge. 118.

Acme [Aciculidae].
——— *callosiuscula*†. Andreae. 5.

Actaeon [Tectibranchiata].
——— *calvertensis*†. Martin. 255.
——— *camerunensis*†. Oppenheim. 289.
——— *difficilis*†. Archangelîskij. 10.
——— *pulchrior*. Melvill. 264.

ACTAEONINA [Tectibranchiata].
——— *ovata*†. Pickard. 301.

ACTINOPTERIA [Pseudolamellibranchiata].
——— *reticulata*†. Weller. 412.
——— *sola*†. Clarke. 64.

ADEORBIS [Adeorbidae].
——— *liscaviensis*†. Pickard. 301.

ADMETOPSIS [Volutidae].
——— *elevata*†. Johnson. 203.

AGRIOLIMAX [Limacidae].
——— *abessinicus*. Simroth. 339.
——— *afer*. Simroth. 339.
——— *concrementosus*. Simroth. 339.
——— *deckeni*. Simroth. 339.
——— *fuscus*. Simroth. 339.
——— *gardullanus*. Simroth. 339.
——— *gimirranus*. Simroth. 339.
——— *glandulosus*. Simroth. 339.
——— *gofanus*. Simroth. 339.
——— *kaffanus*. Simroth. 339.
——— *kontanus*. Simroth. 339.
——— *koschanus*. Simroth. 339.
——— *limacoides*. Simroth. 339.
——— *uataderensis*. Simroth. 339.

ALBERSIA [Helicidae].
——— *subsphaerica*. Fulton. 132.
——— *waigiouensis*. Sykes. 383.

Alloiodoris n. gen. [Nudibranchiata]. Bergh. 26.
——— *marmorata*. Bergh. 26.

ALYCAEUS [Cyclophoridae].
——— *harimensis* var. *sadoensis* n. var. Pilsbry and Hirase. 306.

AMALIA [Limacidae].
——— *oppoliensis*†. Andreae. 5.

AMALTHEA [Capulidae].
——— *marylandica*†. Martin. 255.

AMASTRA [Achatinellidae].
——— *luctuosa*, n. var. Ancey. 3.
——— *rex*. Sykes. 378.

AMERIA [Limnaeidae].
——— *plicaxis*. Sykes. 383.

AMPHIDROMUS [Bulimulidae].
——— *gossi*. Bartsch. 21.
——— *weyersi*. Dautzenberg. 98.

Amphoreopsis† n. gen. [Nautiloidea]. Crick. 87.
——— *paucicamerata*†. Crick. 87.

AMPULLARIA [Amphibolidae].
——— *africana*. Smith. 354.

ANATINA [Anatinacea].
——— *andamanica*. Smith. 347.

ANCILLA [Olividae].
——— *albozonata*†. Smith. 354.
——— *reevei*†. Smith. 354.

ANCISTROSYRINX [Conidae].
——— *orientis*. Melvill. 261.

ANISOCARDIA [Submytilacea].
——— *mayeri*†. Oppenheim. 288

ANODONTOPSIS [Submytilacea].
——— *wabashensis*†. Kindle and Breger. 214.

ANOPAEA [Pseudolamellibranchiata].
——— *verbecki*†. Boehm. 33.
——— *windhouweri*. Boehm. 33.

ANOPLOPHORA [Submytilacea].
——— *ephippium*†. Böhm. 39.

APORRHAIS [Chenopodidae].
——— *bicarinatoides*†. Wolleman. 421.

ARCA [Filibranchiata].
——— *africana*. Sowerby. 366.
——— *algermissensis*†. Wolleman. 421.
——— *ardoana*. Oppenheim. 288A.
——— *bellunensis*. Oppenheim. 288A.
——— *elnia*†. Glenn. 143.
——— *figarii*. Oppenheim. 288.
——— *kobeltiana*. Pilsbry. 304.
——— *madridensis*†. Johnson. 203.
——— *mimula*†. Oppenheim. 289.
——— *paralactea*†. Oppenheim. 289.
——— *russeggeri*†. Oppenheim. 288.
——— *saidensis*†. Oppenheim. 288.
——— *subplanicosta*†. Oppenheim. 288.
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——— *tirolensis*†. Broili. 47.
——— *uniformis*†. Oppenheim. 288.

ARCHIDORIS [Nudibranchiata].
——— *nanula*. Bergh. 26.
——— *violacea*. Bergh. 26.

ARCOPTERA [Filibranchiata].
——— *ampla*†. Broili. 47.
——— *arcata*†. Broili. 47.
——— *lateareata*†. Broili. 47.
——— *vixareata*†. Broili. 47.

ARIUNCULUS [Helicidae].
——— *pallaryi*. Collinge. 72.

ASHMUNELLA [Helicidae].
——— *thompsoniana: pecosensis*† n. subsp. Cockerell. 65.
——— *townsendi*. Bartsch. 19.

Asmunda n. subgen. [Pyramidellidae.] Dall and Bartsch. 97.

ASSIMINEA [Assimineidae].
——— *norburyi*. Jones and Preston. 204.

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——— *calvertensis*†. Glenn. 143.
——— *castrana*†. Glenn. 143.
——— *thisphila*†. Glenn. 143.

ATOXON [Limacidae].
——— *erlangeri*. Simroth. 339.

ATRINA [Pseudolamellibranchiata].
——— *piscatoria*†. Glenn. 143.

ATYS [Tectibranchiata].
——— *pransa*. Hedley. 168.
——— *submalleata*. Smith. 347.

AUCELLA [Pseudolamellibranchiata].
——— *strongi*†. Johnson. 203.

AURICULELLA [Achatinellidae].
——— *canalifera*. Ancey. 3.
——— *malleata*. Ancey. 3.

AVELLANA [Tectibranchiata].
——— *carolensis*†. Etheridge. 117.

AVICULA [Pseudolamellibranchiata].
——— *bittneri*†. Böhm. 39.
——— *efflata*†. Broili. 47.
——— *hubert*i†. Hoyer. 184.
——— *loomisi*†. Broili. 47.
——— *prosslinensis*†. Broili. 47.
——— *salomoni*†. Broili. 47.
——— *seisiana*†. Broili. 47.
——— *subaczyensis*†. Archangeliskij. 10.
——— *torelli*†. Böhm. 39.

AVICULOPECTEN [Pseudolamellibranchiata].
——— *tenuistriatus*†. Böhm. 39.

AXINUS [Submytilacea].
——— *volskensis*†. Archangelïskij. 10.

BACULITES [Ammonoidea].
——— *aspero-anceps*†. Lasswitz. 231.

BADIOTELLA.
——— *concentrica*†. Broili. 47.
——— *excellens*†. Philipp. 299.
——— *gracilis*†. Broili. 47.
——— *subpunctata*†. Broili. 47.

BAKEWELLIA [Pseudolamellibranchiata].
——— *ursina*†. Böhm. 39.

Baldra n. subgen. [Pyramidellidae]. Dall and Bartsch. 97.

BARROISICERAS [Ammonoidea].
——— *brancoi*†. Solger. 360.

BASILISSA [Trochidae].
——— *compsa*. Melvill. 264.

BELLEROPHON [Bellerophontidae].
——— *denckmanni*†. Clarke. 64.
——— *koseni*†. Clarke. 64.

Berthais n. gen. [Scalariidae]. Melvill. 262.

Beula n. subgen. [Pyramidellidae]. Dall and Bartsch. 97.

BITTIUM [Cerithiidae].
——— *caudatum*. Melvill. 264.

BOCHIANITES [Ammonoidea].
——— *versteeghi*†. Boehm. 33.
——— *westeringi*†. Boehm. 33.

BORNELLA [Tectibranchiata].
——— *simplex*. Eliot. 113.

BORNIA [Submytilacea].
——— *depressa*†. Glenn. 143.
——— *marylandica*†. Glenn. 143.

Braunsella† n. nom. [Ammonoidea]. Buckman. 51.

BUCCINUM [Buccinidae].
——— *blanckenhorni*†. Oppenheim. 289.
——— *choffati*†. Oppenheim. 289.
——— *coloratum* var. *sarmatica* n. var. Laskarev. 230.

BUCHIOLA [Anatinacea].
——— *angolensis*†. Clarke. 64.
——— *conversa*†. Clarke. 64.
——— *halli*†. Clarke. 64.
——— *livoniae*†. Clarke. 64.
——— *lupina*†. Clarke. 64.
——— *scabrosa*†. Clarke. 64.
——— *stuprosa*†. Clarke. 64.

BULIMINUS [Pupidae].
——— *andersonianus* var. *echigoensis* n. var. Pilsbry and Hirase. 306.

BULIMORPHA [Gastropoda].
——— *helderbergiae*†. Weller. 412.

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——— *abruptus*. Rolle. 325.
——— *laxostylus*. Rolle. 325.
——— *pergracilis*. Rolle. 325.

BULIMUS [Helicidae].
——— *illustris*. Rolle. 325.

Bullia [Nassidae].
——— *strenaria*. Melvill. 261.
——— *trifasciata*. Smith. 354.

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Caducifer, n. sect. [Tritonidae]. Dall. 91.

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——— *calvertense*†. Martin. 255.
——— *digitulum*. Hedley. 169.
——— *greensboroënse*†. Martin. 255.
——— *patuxentium*†. Martin. 255

Calliostoma [Trochidae].
——— *calvertanum*†. Martin. 255.
——— *marylandicum*†. Martin. 255.

Callocardia [Veneracea].
——— *kincaidii*†. Dall. 92.
——— *prunensis*†. Glenn. 143.

Callolongchaeus n. subgen. [Pyramidellidae]. Dall and Bartsch, 97.

Callonema [Scalariidae].
——— *filosum*†. Clarke. 64.

Calyptraea [Capulidae].
——— *greensboroënsis*†. Martin. 255.
——— *sigaretina*†. Oppenheim. 289.

Canavarella† n. gen. [Ammonoidea]. Buckman. 51.
——— *belophora*†. Buckman. 51.

Canavarina† n. nom. [Ammonoidea]. Buckman. 51.

Cancellaria [Cancellariidae].
——— *bifoliata*†. Aldrich. 1.
——— *calvertensis*†. Martin. 255.
——— *marylandica*.† Martin. 255.
——— *neritoidea*†. Martin. 255.
——— *patuxentia*†. Martin. 255.
——— *prunicola*†. Martin. 255.
——— *reticulatoides*†. Martin. 225.

Cancellariella† n. subgen. [Cancellariidae]. Martin. 255.

Capulus [Capulidae].
——— *devotus*. Hedley. 168.
——— *fragilis*. Smith. 347.

Cardiomorpha [Anatinacea].
——— *obliquata*†. Clarke. 64.

Cardita [Submytilacea].
——— *blanckenhorni*. Oppenheim. 288.
——— *burckhardti*. Ihering. 193.
——— *camerunensis*†. Oppenheim. 289.

Cardita [Submytilacea].
——— *canis*†. Oppenheim. 288.
——— *chmeietensis*†. Oppenheim. 288.
——— *fajumensis*. Oppenheim. 288.
——— *fraasi*†. Oppenheim. 288.
——— *hofana*†. Oppenheim. 288.
——— *lalemarensis*†. Philipp. 299.
——— *longa*†. Archangelïskij. 10.
——— *minima*. Smith. 354.
——— *mokattamensis*†. Oppenheim. 288.
——— *mosis*†. Oppenheim. 288.
——— *newtoni*†. Oppenheim. 288.
——— *palaeopatagonica*. Ihering. 193.
——— *paroxyta*. Oppenheim. 288.
——— *pharaonum*†. Oppenheim. 288.
——— *pulcherrima*. Sowerby. 366.
——— *russeggeri*†. Oppenheim. 288.
——— *sanurensis*.†. Oppenheim. 288.
——— *schweinfurthi*†. Oppenheim. 288.
——— *umbonata*. Sowerby. 365.

Carditella [Submytilacea].
——— *laticosta*. Smith. 354.

Cardium [Cardiacea].
——— *annae*. Pilsbry. 304.
——— *calvertensium*†. Glenn. 143.
——— *desertorum*†. Oppenheim. 288.
——— *duboisi*†. Michajlovskij. 273.
——— *gilchristi*. Sowerby. 366.
——— *hungerfordi : stigmaticum* n. subsp. Pilsbry. 304.
——— ——— *undatopictum* n. subsp. Pilsbry. 304.
——— *lenzi*†. Oppenheim. 289.
——— *netschaewi*†. Archangelïskij. 10.
——— *notatum*†. Archangelïskij. 10.
——— *patuxentium*†. Glenn. 143.
——— *pseudoturonicum*†. Michajlovskij. 273.
——— (*?*) *punctatum*†. Archangelïskij. 10.

Carinaropsis [Bellerophontidae].
——— *ithagenia*†. Clarke. 64.

Caryochium [Auriculidae].
——— *bermudense*. Gulick. 157.

Cassianella [Pseudolamellibranchiata].
——— *rosenbuschi*†. Philipp. 299.
——— *tectiformis*†. Böhm. 39.

CASSIS [Cassididae].
——— *fortisulcata*. Smith. 349.

CATAULUS [Cyclophoridae].
——— *rugosa*. Fulton. 128.
——— *sykesi*. Fulton. 128.

CERATITES [Ammonoidea].
——— *armatus*†. Philippi. 300.
——— *atavus*†. Philippi. 300.
——— *dorsoplanus*†. Philippi. 300.
——— *evolutus*†. Philippi. 300.
——— *flexuosus*†. Philippi. 300.
——— *humilis*†. Philippi. 300.
——— *intermedius*†. Philippi. 300.
——— *laevigatus*†. Philippi. 300.
——— *rombergi*†. Philipp. 299.
——— *spinosus*†. Philippi. 300.
——— *vogdesi*†. Smith. 357.

CERITHIOPSIS [Cerithiidae].
——— *calvertensis*†. Martin. 255.

CERITHIUM [Cerithiidae].
——— *anembatum*. Melvill. 264.
——— *beyschlagi*†. Wolleman. 421.
——— *koeneni*†. Archangelïskij. 10.
——— *pervicax*. Melvill. 264.
——— *subscalatum*. Pilsbry. 303.
——— *sykesi*. Brusina. 50.
——— *trailli: kikaiensis* n. subsp. Pilsbry. 303.
——— *zeiseit*. Wolleman. 421.

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——— *monroensis*†. Aldrich. 1.
——— *schweinfurthi*†. Oppenheim. 288.
——— *siutensis*†. Oppenheim. 288.

CHIONE [Veneracea].
——— *despecta*. Hedley. 168.
——— *hizenensis*. Pilsbry. 304.
——— *miera*. Pilsbry. 304.
——— *parkeria*†. Glenn. 143.

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——— *ceylanicus*. Smith. 347.

CHLAMYS [Pseudolamellibranchiata].
——— *fultoni*. Sowerby. 366.
——— *gilchristi*. Sowerby. 366.
——— *humilis*. Sowerby. 366.
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CHROMODORIS [Nudibranchiata].
——— *annulata*. Eliot. 113.
——— *cavae*. Eliot. 113.
——— *flava*. Eliot. 113.
——— *inconspicua*. Eliot. 113.
——— *nigrostriata*. Eliot. 113.

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——— *sykesi*. Eliot. 113.
——— *vicina*. Eliot. 113.

CHRYSODOMUS [Buccinidae].
——— *patuxentensis*†. Martin. 255.

Cirrobrachium n. gen. [Dibranchiata]. Hoyle. 185.
——— *filiferum*. Hoyle. 185.

CLANCULUS [Trochidae].
——— *hizenensis* var. *fraterculus* n. var. Pilsbry. 303.
——— *praecruciatus*†. Michajlovskij. 273.

CLATHURELLA [Conidae].
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——— *bulleni*. Preston. 310.
——— *centrosa*. Pilsbry. 303.
——— *chichijimana*. Pilsbry. 303.
——— *crassilirata*. Smith. 354.
——— *epixantha*. Melvill. 261.
——— *hedleyi*. Melvill. 261.
——— *lischkeana*. Pilsbry. 303.
——— *perlissa*. Smith. 347.
——— *polyhymnia*. Melvill. 244.

CLAUSILIA [Pupidae].
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——— *holtsi*. Sturany. 376.

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——— *macrospiratus*†. Grabau. 148.
——— *spiratus*†. Grabau. 148.
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——— *conjunctoides*†. Grabau. 148.
——— *solanderi*†. Grabau. 148.
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——— *howardensis*†. Girty. 140.

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——— *punctata*. Tesch. 386.

CLIONITES [Ammonoidea].
——— *barentsi*†. Böhm. 39.
——— *spinosus*†. Böhm. 39.

CLIONOPSIS [Pteropoda].
——— *microcephalus*. Tesch. 386.

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——— *wysogorskii*†. Prinz. 311.

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——— *albinodulosa: ogasawarana* n. subsp. Pilsbry. 303.
——— *calvertensis*†. Martin. 255.
——— *divaricata*. Pilsbry. 303.
——— *hahajimana*. Pilsbry. 303.
——— *liocyma*. Pilsbry. 303.
——— *somnium*. Pilsbry. 303.
——— *subcarinata*†. Oppenheim. 289.
——— *turturina: borealis* n. subsp. Pilsbry. 303.

Cominella [Buccinidae].
——— *ovalina*†. Archangelskij. 10.

Coneuplecta [Limacidae].
——— *moellendorffi* n. nom. Gude. 156.

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——— *multistriatum*†. Kindle and Breger. 214.
——— *oweni*†. Kindle and Breger. 214.

Conus [Conidae].
——— *comatosa* n. nom. Pilsbry. 304.
——— *dormitor*. Pilsbry. 303.
——— *gratacapii*. Pilsbry. 303.
——— *kikaiensis*. Pilsbry. 303.
——— *waltonensis*†. Aldrich. 2.

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——— *dissimulans*. Preston. 310.
——— *jeffreysi* var. *hiradoensis* n. var. Pilsbry. 303.

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——— *artini*. Pallary. 293.
——— *faba*. Bullen. 52.
——— *subrostrata*. Bullen. 52.

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——— *cercus*†. Oppenheim. 289.
——— *nematophora* var. *fitchi*† n. var. Johnson. 203.
——— *praegibba*. Oppenheim. 289.
——— *subvolskensis*†. Archangelskij. 10.
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Coryphella [Nudibranchiata].
——— *californica*. Bergh. 26.

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——— *subuniplicatus*. Grabau. 148.

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——— *corrugata*. Hedley. 169.

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Crassatella [Submytilacea].
——— *abrupta*. Sowerby. 366.
——— *africana*. Sowerby. 366.
——— *angulata*. Sowerby. 366.
——— *duglensis*†. Oppenheim. 288.
——— *fajumensis*†. Oppenheim. 288.
——— *frauscheri*†. Oppenheim. 288.
——— *gilchristi*. Sowerby. 366.
——— *incurvata*†. Oppenheim. 288.
——— *lyonsi*.† Oppenheim. 288.
——— *tenuis*. Sowerby. 366.

Crassatellites [Submytilacea].
——— *brasiliensis*†. Dall. 93.

Crenella [Filibranchiata].
——— *gubernatoria*†. Glenn. 143.
——— *striatissima*. Sowerby. 366.
——— *virida*†. Glenn. 143.

Crepidula [Capulidae].
——— *precursor*. Dall. 92.
——— *ungana*. Dall. 92.

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——— *geikiei*†. Delgado. 101.
——— *jerseyensis*†. Weller. 412.

Cucullaea [Filibranchiata].
——— *cherieanus*†. Böhm. 39.
——— *dimehensis*†. Oppenheim. 288.
——— *ovata*†. Archangelskij. 10.
——— *reticularis*†. Archangelskij. 10.
——— *rosana*. Ihering. 193.
——— *seisiana*†. Broili. 47.
——— *tschapitana*†. Broili. 47.
——— *volgensis*†. Archangelskij. 10.

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——— *decipiens*. Smith. 354.

Cuspidaria [Septibranchiata].
——— *forticostata*. Sowerby. 366.
——— *gilchristi*. Sowerby. 366.
——— *nasuta*. Sowerby. 366.
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——— ? *bicolor*. Bergh. 26.

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——— *bowningensis*. Etheridge. 116.

Cyclopecten [Pseudolamellibranchiata].
——— *nepeanensis*. Pritchard and Gatliff. 314.

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——— *eumares*. Melvill. 262.
——— *eupoietum*. Melvill. 264.
——— *gyalum*. Melvill. 261.

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——— *andamanica*. Smith. 347.
——— *calvertensis*†. Martin. 255.
——— (?) *greensboroënsis*†. Martin. 255.
——— *obscura*. Sykes. 380.
——— *pithiscus*. Melvill. 264.

Cyllene [Buccinidae].
——— *japonica*. Pilsbry. 303.

Cymbulia [Pteropoda].
——— *sibogae*. Tesch. 386.

Cymbuliopsis [Pteropoda].
——— *intermedia*. Tesch. 386.

Cynisca [Prosobranchiata].
——— *fortisulcata*. Smith. 354.

Cypraea [Cypraeidae].
——— *nuculoides*†. Aldrich. 1.

Cyprimeria [Veneracea].
——— ? *sulcata*†. Johnson. 203.

Cyprina [Submytilacea].
——— *aegyptiaca*†. Oppenheim. 288.

Cyrena [Submytilacea].
——— *blanckenhorni*†. Oppenheim. 288.

Cythara [Conidae].
——— *nevilliana*. Preston. 310.

Cytherea [Veneracea].
——— *anadyomene*†. Oppenheim. 289.
——— *caudata*†. Oppenheim. 289.
——— *chalcedonica*. Ihering. 193.
——— *crispata* : *amica* n. subsp. Pilsbry. 304.
——— *eschi*†. Oppenheim. 289.
——— *inflata*†. Archangelskij. 10.

Cytherea [Veneracea].
——— *latesulcata*†. Oppenheim. 289.
——— *nachtigali*†. Oppenheim. 289.
——— *netschaewi*†. Archangelskij. 10.
——— *palma*†. Oppenheim. 289.
——— *perambigua*†. Oppenheim. 289.
——— *perstriatula*†. Oppenheim. 289.
——— *sublunularia*†. Archangelskij. 10.
——— *subseparata*†. Archangelskij. 10.

Dacrydium [Pseudolamellibranchiata].
——— *fabale*. Hedley. 168.

Daonella [Pseudolamellibranchiata].
——— *lovéni*†. Böhm. 39.

Daphnella [Conidae].
——— *cassandra*. Hedley. 168.
——— *deae*. Melvill. 264.
——— *eulimenes*. Melvill. 266.
——— *lucasi*. Melvill. 264.
——— *radula*. Pilsbry. 303.

Darellella† n. gen. [Ammonoidea]. Buckman. 51.
——— *recticostata*†. Buckman. 51.

Darellina† n. gen. [Ammonoidea]. Buckman. 51.
——— *planaris*†. Buckman. 51.

Davidia [Pelecypoda].
——— *cotteri*†. Delgado. 101.
——— *dollfusi*†. Delgado. 101.
——— *egozcuei*†. Delgado. 101.

Dawsonites† n. gen. [Ammonoidea]. Böhm. 39.

Delos n. nom. [Endodontidae]. Hutton. 190.

Delphinula [Trochidae].
——— *kokeni*†. Picard. 301.

Dentalium [Scaphopoda].
——— *boreale*†. Böhm. 39.
——— *splendens*†. Wolleman. 421.

Desmoceras [Ammonoidea].
——— *keilhacki*†. Wolleman. 421.

Diaphorostoma [Capulidae].
——— *lutheri*†. Clarke. 64.
——— *pugnus*†. Clarke. 64.
——— *rotundatum*†. Clarke. 64.

Dimyodon [Pseudolamellibranchiata].
——— *patera*†. Böhm. 39.

Diplodon [Submytilacea].
——— *colhuapiensis*†. Ihering. 193.

Discodoris [Nudibranchiata].
——— *dubia*. Bergh. 26.
——— *egena*. Bergh. 26.

Dolium [Doliidae].
——— *magnificum*. Sowerby. 364.

Dosinia [Veneracea].
——— *alaskana*†. Dall. 92.
——— *vezzanensis*†. Oppenheim. 288A.

Drillia [Conidae].
——— *albiguttata*. Pilsbry. 303.
——— *albonodulosa*. Smith. 354.
——— *calvertensis*†. Martin. 255.
——— *incilifera* var. *angulata*† n. var. Martin. 255.
——— *limatula* var. *pyramidalis*†. Martin. 255.
——— *nivosa*. Smith. 354.
——— *praetermissa*. Smith. 354.
——— *streptonotus*. Pilsbry. 303.
——— *subcontracta*. Smith. 354.
——— *thetis*. Smith. 354.
——— *whitfieldi*†. Martin. 255.
——— *worthingtoni*. Smith. 347.

Drymaeus [Bulimulidae].
——— *multispira*. Da Costa. 89.

Dumortieria† [Ammonoidea].
——— *evolutissima*†. Prinz. 311.

Ecyliomphalus [Solariidae].
——— *subelliptica*†. Weller. 412.

Ecphora [Muricidae].
——— *tricostata*†. Martin. 255.

Edmondia [Anatinacea].
——— *deckerensis*†. Weller. 412.

Egila n. subgen. [Pyramidellidae]. Dall and Bartsch. 97.

Elasmatium† n. gen. [Pelecypoda]. Clarke. 64.
——— *gowandense*†. Clarke. 64.

Emarginula [Fissurellidae].
——— *marylandica*†. Martin. 255.

Emmericia [Hydrobiidae].
——— *francofurtana*† n. form. Boettger. 38.

Ena [Pupidae].
——— *lagariensis*. Smith. 350.

Endocostea [Pseudolamellibranchiata].
——— *brooksi*†. Johnson. 203.

Endodonta [Endodontidae].
——— *chrysaugeia*. Webster. 405.
——— *ochra*. Webster. 405.
——— *transenna*. Suter. 377.

Epigrus [Rissoidae].
——— *protractus*. Hedley. 168.

Episageceras† n. gen. [Ammonoidea]. Noetling. 285.
——— *latidorsatum*†. Noetling. 285.

Erycina [Submytilacea].
——— *calvertensis*†. Glenn. 143.
——— *marylandica*†. Glenn. 143.
——— *pruna*†. Glenn. 143.
——— *rickardia*†. Glenn. 143.
——— *speciosa*†. Glenn. 143.

Erycites [Ammonoidea].
——— *baconicus*†. Hantken. 311.
——— *bánffyi*. Prinz. 311.
——— *eximius*†. Hantken. 311.
——— *intermedius*† Hantken. 311.
——— *involutus*†. Prinz. 311.
——— *partschi*†. Prinz. 311.
——— *perczeli*†. Prinz. 311.
——— *retrorsicostatus*† Hantken. 311.
——— *schafarziki*†. Prinz. 311.
——— *szontaghi*†. Prinz. 311.
——— *telegdi-rothi*†. Prinz. 311.

Ethalia [Trochidae].
——— *africana*. Smith. 354.
——— *jucunda*. Melvill. 264.

Euchelus [Trochidae].
——— *cancellatus* : *orientalis* n. subsp. Pilsbry. 303.
——— *hachijoensis*. Pilsbry. 303.
——— *lischkei*. Pilsbry. 303.

Euconulus [Limacidae].
——— *turbinatus*. Gulick. 157.

Eugyrina n. nom. [Tritonidae]. Dall. 91.

Eulima [Eulimidae].
——— *distincta*. Smith. 354.
——— *hypolysina*. Melvill. 266.
——— *paxillus*. Hedley. 169.

Eulimella [Pyramidellidae].
——— *gedrosica*. Melvill. 261.
——— *marylandica*†. Martin. 255.
——— *minor*. Smith. 354.
——— *nivea*. Smith. 354.
——— *renusta*. Melvill. 261.

Eulota [Helicidae].
——— *globosa*. Jones and Preston. 204.

Eumorphotis [Pelecypoda].
——— *artus*†. Böhm. 39.
——— *vagans*†. Böhm. 39.
——— *variabilis*†. Böhm. 39.

Euomphalopterus [Prosobranchiata].
——— *alatus* var. *americanus*† n. var. Kindle and Breger. 214.
——— ——— var. *limatoidea*† n. var. Kindle and Breger. 214.

Euplecta [Limacidae].
——— *pratti*. Gude. 154.

Euthriofusus [Fasciolaridae].
——— *burdigalensis*. Grabau. 148.

Eutomoceras [Ammonoidea].
——— *dunni*†. Smith. 357.

Evalina n. subgen. [Pyramidellidae]. Dall and Bartsch. 97.

Exogyra [Pseudolamellibranchiata].
——— *callophylla*†. Ihering. 193.

Falsifusus n. gen. [Fasciolaridae]. Grabau. 148.

Fedaiella [Neritopsidae].
——— *magna*. Picard. 301.

Fenella [Rissoidae].
——— *xanthacme*. Melvill. 261.

Ficula [Doliidae].
——— *sobria*†. Oppenheim. 239.

Fissuridea [Fissurellidae].
——— *infrequens*†. Aldrich. 1.

Flemingites [Ammonoidea].
——— *russelli*†. Hyatt and Smith. 357.

Folinella n. subgen. [Pyramidellidae]. Dall and Bartsch. 97.

Fossarus [Fossaridae].
——— *quinquecarinalis*. Melvill. 261.
——— *thelacme*. Melvill. 261.

Frechiella [Ammonoidea].
——— *brunsvicensis*†. Stolley. 184.
——— *curvata*†. Prinz. 312.

Fritschia† n. gen. [Prosobranchiata]. Picard. 301.
——— *multicostata*†. Picard. 301.
——— *paucicostata*†. Picard. 301.

Froekenia n. gen. [Dibranchiata]. Hoyle. 185.
——— *clara*. Hoyle. 185.

Fruticicola [Helicidae].
——— *dacica*. Soós. 361.
——— *erjaveci* var. *cincta* n. var. Soós. 361.
——— ——— var. *syrmiensis* n. var. Soós. 361.

Fulgurofusus n. gen. [Fasciolaridae]. Grabau. 148.

Fusus [Fasciolaridae].
——— *brasilienensis*. Grabau. 148.
——— *castelarguatensis*†. Grabau. 148.
——— *cingulatus*. Smith. 354.
——— *dupetit-thouarsii* var. *aplicatus* n. var. Grabau. 148.
——— ——— var. *irregularis* n. var. Grabau. 148.
——— ——— var. *nodosus* n. var. Grabau. 148.
——— *gabbi*†. Grabau. 148.
——— *longicaudus* var. *toreumoides* n. var. Grabau. 148.
——— *nodosoplicatus* var. *lischkii* n. var. Grabau. 148.
——— *perplexus* var. *nagasakii* n. var. Grabau. 148.
——— (?) *schrammeni*†. Wolleman. 421.
——— *subobl tus*. Pilsbry. 303.
——— *supramoerchi*†. Archangeliskij. 10.

Gervilleia [Pseudolamellibranchiata].
——— *bennetti*†. Böhm. 39.
——— *latealata*†. Broili. 47.
——— *loewenighi*†. Böhm. 39.
——— *nordenskiöldii*†. Böhm. 39.
——— *paronai*†. Broili. 47.
——— *planata*. Broili. 47.
——— *rothpletzi*. Broili. 47.
——— *spinosa*†. Linstow. 240.

Glandina [Testacellidae].
——— *bogotensis*. Da Costa. 89.

Glyphostoma [Conidae].
——— *siren*. Smith. 354.

Goniobasis [Pleuroceridae].
——— *marylandica*†. Martin. 255.

Gonodon [Submytilacea].
——— *modestus*†. Böhm. 39.

Gryphaea [Pseudolamellibranchiata].
——— *keilhaui*†. Böhm. 39.
——— *pharaonum*†. Oppenheim. 283.
——— *rocana*. Ihering. 193.
——— *skuldt*. Böhm. 39.

Haldra n. subgen. [Pyramidellidae]. Dall and Bartsch. 97.

Hamites [Ammonoidea].
——— *gottscheit*. Wolleman. 421.
——— *wernickei*†. Wolleman. 420.

HAMMATOCERAS [Ammonoidea].
——— *halavátsi*†. Prinz and Hantken. 311.
——— *kochi*†. Prinz. 311.
——— *mágócsyi*†. Prinz. 311.
——— *spinosum*†. Hantken et Prinz. 311.
——— *stenomphalum*†. Hantken et Prinz. 311.

HARPOCERAS [Ammonoidea].
——— *laevigatum*†. Hantken. 311.
——— *latifalcatum*†. Denckmann and Steuer. 311.
——— *malarguense*†. Burckhardt. 53.
——— *puchense*. Burckhardt. 53.

Heida n. subgen. [Pyramidellidae]. Dall and Bartsch. 97.

Heilprinia n. gen. [Fasciolaridae]. Grabau. 148.

HELICINA [Helicinidae].
——— *baldwini*. Ancey. 3.
——— *dissotropis*. Ancey. 3.
——— *japonica* var. *echigoensis* n. var. Pilsbry. 305.
——— *sadoensis*. Pilsbry and Hirase. 306.
——— *subsuturalis*. Boettger. 36.
——— *sulculosa*. Ancey. 3.

HELIX [Helicidae].
——— *fourtaui*. Pallary. 292.
——— *mantinica* var. *moätaensis* n. var. Caziot. 61.
——— *mauryi*. Caziot. 61.
——— *paoliana*. Caziot. 61.

HETEROTEUTHIS [Dibranchiata].
——— *weberi*. Joubin. 205.

HEXABRANCHUS [Nudibranchiata].
——— *plicatus*. Hägy. 159.

HILDOCERAS [Ammonoidea].
——— *nodosum*†. Hantken. 311.
——— *téryi*. Prinz. 311.
——— *tirolense* var. *pannonica*† n. var. Prinz. 311.
——— *volzi*†. Prinz. 311.

HIMALAYITES [Ammonoidea].
——— *nederburghi*†. Boehm. 33.
——— *treubi*†. Boehm. 33.

HOCHSTETTERIA [Filibranchiata].
——— *limoides*. Smith. 354.
——— *velaini*. Smith. 354.

HOFERIA [Filibranchiata].
——— *compressa*†. Broili. 47.

HOMOIODORIS [Nudibranchiata].
——— *novae zealandiae*. Bergh. 26.

HOMOMYA [Anatinacea].
——— *forsbergi*† Böhm. 39.

Honeoyea† n. gen. [Pseudolamellibranchiata. Clarke. 64.
——— *desmata*†. Clarke. 64.
——— *erinacea*†. Clarke. 64.
——— *major*†. Clarke. 64.
——— *simplex*†. Clarke. 64.
——— *styliophila*†. Clarke. 64.

HOPLITES [Ammonoidea].
——— *asseni*†. Boehm. 33.
——— *rooseboomi*†. Boehm. 33.

HOPLITOIDES [Ammonoidea].
——— *koeneni*†. Solger. 360.

Hugia† n. gen. [Ammonoidea]. Buckman. 51.
——— *curva*†. Buckman. 51.

HYALINIA [Limacidae].
——— *adjaciensis*. Caziot. 61.
——— *libysonis* n. var. Caziot. 61.

HYGROMIA [Helicidae].
——— *neudorfensis*†. Andreae. 5.

HYOLITHES [Pteropoda].
——— *lusitanicus*†. Delgado. 101.

HYRIOPSIS [Submytilacea].
——— *goliath*. Rolle. 324.

Incisura n. gen. [Fissurellidae]. Hedley. 169.

INOCERAMUS [Pseudolamellibranchiata].
——— *frechi*†. Flegel. 121.
——— *glatziae*†. Flegel. 121.
——— *irregularis*†. Johnson. 203.

Inoceramya† n. gen. [Pseudolamellibranchiata]. Ulrich. 395.
——— *concentrica*. Ulrich. 395.

Iphiana n. subgen. [Pyramidellidae]. Dall and Bartsch. 97.

ISOCARDIA [Submytilacea].
——— *heintzeli*†. Wolleman. 420.
——— *ignolea*†. Glenn. 143.
——— *mazlea*†. Glenn. 143.
——— *vorax*†. Oppenheim. 288.

Ividia n. subgen. [Pyramidellidae]. Dall and Bartsch. 97.

JULLIENIA [Hydrobiidae].
——— *carinata*. Fulton. 131.

KALIELLA [Limacidae].
——— *lubricella*. Ancey. 3.
——— *thaanumi*. Ancey. 3.

KELLIA [Submytilacea].
——— *porculus*. Pilsbry. 304.
——— *rotundula*†. Glenn. 143.

Kochia [Pseudolamellibranchiata].
——— *ungula* †. Clarke. 64.

Lacuna [Littorinidae].
——— *globosa*. Smith. 347.

Lagochilus [Cyclophoridae].
——— *obliquistriatus*. Bullen. 52.

Lancella n. subgen. [Pyramidellidae]. Dall and Bartsch. 97.

Lanistes [Ampullaridae].
——— *innesi*. Pallary. 293.

Laoma [Endodontidae].
——— *elaiodes*. Webster. 405.
——— *francesci*. Webster. 405.

Latirus [Fasciolaridae].
——— *elaboratus* †. Aldrich. 1.
——— *incompletus* †. Oppenheim. 289.

Leda [Protobranchiata].
——— *levini* †. Wolleman. 421.
——— *medusae* †. Borisĭak. 44.
——— *prendeli* †. Andrusov. 6.
——— *substriatula* †. Oppenheim. 289.
——— *volgensis* †. Archangelĭskij. 10.

Leiostraca [Eulimidae].
——— *murdochi*. Hedley. 169.

Leptodomus [Anatinacea].
——— *interplicatus* †. Clarke. 64.
——— *multiplex* †. Clarke. 64.

Lepton [Submytilacea].
——— *fortidentatus*. Smith. 354.

Leptopoma [Cyclophoridae].
——— *gebiensis*. Fulton. 132.
——— *ponsonbyi*. Sykes. 303.

Leucochroa [Helicidae].
——— *arabica*. Pallary. 292.

Lima [Pseudolamellibranchiata].
——— *biarata* †. Böhm. 39.
——— *coelestini* †. Oppenheim. 288.
——— *mokattamensis* †. Oppenheim, 288.
——— *perfecta*. Smith. 354.
——— *ramsesi* †. Oppenheim. 288.
——— *rijpi* †. Böhm. 39.
——— *schmeisseri* †. Wolleman. 420.
——— *schweinfurthi*. Oppenheim. 288.
——— *sidneyensis* n. nom. Hedley. 168.
——— *striatoides* †. Böhm. 39.
——— *swenanderi* †. Böhm. 39.
——— *zitteli* †. Broili. 47.

Limax [Limacidae].
——— *excavatus* †. Andreae. 5.

Limifossor, n. gen. [Amphineura]. Heath. 165.
——— *talpoideus*. Heath. 165.

Limipecten † n. gen. [Pseudolamellibranchiata]. Girty. 140.
——— *texanus* †. Girty. 140.
——— ——— var. *grandicostatus* † n. var. Girty. 140.

Limnaea [Limnaeidae].
——— *mars*. Jones and Preston. 204.
——— *pettitti*. Jones and Preston. 204.
——— *shantungensis*. Jones and Preston. 204.
——— *sickenbergeri*. Pallary. 292.
——— *whartoni*. Jones and Preston. 204.

Limopsis [Filibranchiata].
——— *pumilio*. Smith. 354.
——— *thebaica* †. Oppenheim. 288.

Linguella [Nudibranchiata].
——— *variolosa*. Bergh. 26.

Liotia [Liotiidae].
——— *polypleura*. Hedley. 169.

Lithodomus [Filibranchiata].
——— *frassi* †. Oppenheim. 288.
——— *inustus* †. Oppenheim. 288.
——— *mokattamensis* †. Oppenheim. 288.

Lithophaga [Filibranchiata].
——— *ionensis* †. Glenn. 143.

Littorina [Littorinidae].
——— *lubrica* †. Wolleman. 421.

Lituites [Nautiloidea].
——— *herculeus* var. *carrollensis* † n. var. Kindle and Breger. 214.

Loligo [Dibranchiata].
——— *diomedeae*. Hoyle. 185.

Lopadoceras n. gen. [Ammonoidea]. Buckman. 51.
——— *arcuatum* †. Buckman. 51.

Lotorium [Tritonidae].
——— *concinnatum*. Melvill. 261.

Loxonema [Pseudomelaniidae].
——— *columnare* †. Picard. 301.
——— *danai* †. Clarke. 64.
——— *elongatum* †. Picard. 301.
——— *falcatum* †. Picard. 301.
——— *kokeni* †. Picard. 301.
——— *jerseyensis* †. Weller. 412.

LOXONEMA [Pseudomelaniidae].
——— *multiplicatum*†. Clarke. 64.
——— *rectecostatum*. Picard. 301.

LOXOPTERIA [Pseudolamellibranchiata].
——— *corrugata*† Clarke. 64.
——— *intumescentis*†. Clarke. 64.
——— *vasta*†. Clarke. 64.

LUCINA [Submytilacea].
——— *blanckenhorni*†. Oppenheim. 288.
——— *calliste*†. Oppenheim. 288.
——— *camerunensis*†. Oppenheim. 289.
——— *corpusculum*†. Oppenheim. 288.
——— *daedalea*†. Oppenheim. 288.
——— *despecta*. Smith. 354.
——— *dilatata*†. Archangelĭskij. 10.
——— *edita*†. Oppenheim. 288.
——— *fajumensis*†. Oppenheim. 288.
——— *fourtauı*†. Oppenheim. 288.
——— *imminis*†. Oppenheim. 288.
——— *mokattamensis*†. Oppenheim. 288.
——— *netschaewi*†. Archangelĭskij. 10.
——— *nokbaensis*†. Oppenheim. 288.
——— *polythele*†. Oppenheim. 288.
——— *proava*†. Archangelĭskij. 10.
——— *qurnaensis*†. Oppenheim. 288.
——— *rai*†. Oppenheim. 288.
——— *rara*†. Archangelĭskij. 10.
——— *sesostridis*†. Oppenheim. 288.
——— *sub-caillati*†. Oppenheim. 288.
——— *subincerta*†. Archangelĭskij. 10.
——— *valida*. Smith. 354.

LUNULICARDIUM [Pseudolamellibranchiata].
——— *absegmen*†. Clarke. 64.
——— *accola*†. Clarke. 64.
——— *beushauseni*†. Clarke. 64.
——— *clymeniae*†. Clarke. 64.
——— *encrinitum*†. Clarke. 64.
——— *enode*†. Clarke. 64.

LUNULICARDIUM [Pseudolamellibranchiata].
——— *eriense*†. Clarke. 64.
——— *finitimum*†. Clarke. 64.
——— *furcatum*†. Clarke. 64.
——— *hemicardioides*†. Clarke. 64.
——— *libum*†. Clarke. 64.
——— *paruendus*†. Clarke. 64.
——— *pilosum*†. Clarke. 64.
——— *sodale*†. Clarke. 64.
——— *suppar*†. Clarke. 64.
——— ? *transversale*†. Clarke. 64.
——— *velatum*†. Clarke. 64.
——— *wiscoyense*†. Clarke. 64.

LYROPUPA [Pupidae].
——— *carbonaria*. Ancey. 3.
——— *clathrabula*. Ancey. 3.
——— *microthauma*. Ancey. 3.

Lysacme n. subgen. [Pyramidellidae]. Dall and Bartsch. 97.

LYTOCERAS [Ammonoidea].
——— *humile*. Prinz. 311.
——— *rasile*, var. *humilisimilis*† n. var. Prinz. 311.

MACOMA [Tellinacea].
——— *marylandica*†. Glenn. 143.

MACROCALLISTA [Veneracea].
——— *gilbertı*†. Dall. 92.

MACROCHILINA [Pyramidellidae].
——— *pygmala*†. Clarke. 64.
——— *seneca*†. Clarke. 64.

MACROCHLAMYS [Limacidae].
——— *perfragilis* var. *shikokuensis* n. var. Pilsbry and Hirase. 306.

MACRODON [Filibranchiata].
——— *buchi*†. Böhm. 39.
——— *dunári*†. Böhm. 39.
——— *klipsteini*†. Broili. 47.
——— *laubei*†. Broili. 47.

MACTRA [Tellinacea].
——— *carneopicta*. Pilsbry. 304.
——— *delicatula*. Preston. 310.
——— *fragilis*†. Laskarev. 230.
——— (?) *rhomboidea*†. Oppenheim. 289.
——— *taprobanensis*. Preston. 310.

Maculotriton n. sect. [Tritonidae]. Dall. 91.

MAGILUS [Muricidae].
——— *grandis*†. Tornquist. 392.

MANGILIA [Conidae].
——— *adamantina*. Melvill. 264.
——— *aglaia*. Melvill. 264.
——— *alfredi*. Smith. 354.
——— *apollinea*. Melvill. 264.
——— *barbiton*. Melvill. 264.
——— *bathmis*. Melvill. 261.
——— *callistephana*. Melvill. 264.
——— *cinnamomea* : *peraffinis*, n. subsp. Pilsbry. 303.
——— *cornelliana*†. Martin. 255.
——— *ecphora*. Melvill. 261.
——— *hirasei*. Pilsbry. 303.
——— *kamakurana*. Pilsbry. 303.
——— *kouveitensis*. Melvill. 264.
——— *obtusa*†. Martin. 255.
——— *parvoidea*†. Martin. 255.
——— *patuxentia*†. Martin. 255.
——— *posidonia*. Melvill. 266.
——— *pura*. Pilsbry. 303.
——— *pycnochila*. Melvill. 261.
——— *semicarinata*. Pilsbry. 303.

MARGARITES [Ammonoidea].
——— *peninsularis*. Dall. 92.

MARGINELLA [Marginellidae].
——— *calvertensis*. Martin. 255.
——— *differens*. Smith. 354.
——— *dulcis*. Smith. 354.
——— *munda*. Smith. 354.
——— *pseustes*. Smith. 354.
——— *pura*. Smith. 354.
——— *robusta*. Sowerby. 365.

MARIONIA [Nudibranchiata].
——— *albotuberculata*. Eliot. 113.
——— *levis*. Eliot. 113.
——— *pellucida*. Eliot. 113.
——— *ramosa*. Eliot. 113.
——— *viridescens*. Eliot. 113.

MARMOLATELLA [Neritopsidae].
——— *plana*†. Picard. 301.

MASTIGOTEUTHIS [Dibranchiata].
——— *dentata*. Hoyle. 185.

MEGALODON [Submytilacea].
——— *pooleï*†. Böhm. 39.
——— *rotundatus*†. Böhm. 39.

MEGAMBONIA [Filibranchiata].
——— *parva*†. Weller. 412.

MELANIA [Melaniidae].
——— *aeruginosa*. Fulton. 131.
——— *cinqulifera*. Sykes. 379.
——— *dulcis*. Fulton. 131.
——— *fortitudenis*. Fulton. 131.
——— *lauta*. Fulton. 131.
——— *morti*. Sykes. 379.
——— *schneei*. Boettger. 35, 330.
——— *vara*. Bullen. 52.

MELIBE [Nudibranchiata].
——— *pellucida*. Bergh. 26.

MESODESMA [Tellinacea].
——— *alaskensis*. Dall. 92.
——— *mariana*†. Glenn. 143.

MICROCYSTINA [Limacidae].
——— *higashiyamana*. Pilsbry and Hirase. 306.

MICROCYSTIS [Limacidae].
——— *rufobrunnea*. Ancey. 3.

Milda n. subgen. [Pyramidellidae]. Dall. and Bartsch. 97.

MITRA [Mitridae].
——— *hirasei*. Pilsbry. 303.
——— *mariana*†. Martin. 255.
——— *townsendi*. Melvill. 264.

MODIOLA [Filibranchiata].
——— *sambasensis*. Dautzenberg. 98.
——— *tenerrima*. Smith. 354.

MODIOLARIA [Filibranchiata].
——— *curta*†. Glenn. 143.
——— *fraasi*†. Oppenheim. 288.

MODIOLOPSIS [Submytilacea].
——— *bocageï*†. Delgado. 101.
——— *depressa*†. Weller. 412.
——— *jerseyensis*†. Weller. 412.
——— *zitteli*†. Delgado. 101.

MODIOLUS [Filibranchiata].
——— *alaskanus*. Dall. 92.
——— *dalli*†. Glenn. 143.
——— *harrimani*. Dall. 92.
——— *ioncnsis*†. Glenn. 143.

Monostiolum n. sect. [Tritonidae]. Dall. 91.

MUCRONALIA [Eulimidae].
——— *birtoi*. Preston. 310.
——— *oxytenes*. Melvill. 264.

MUMIOLA [Pyramidellidae].
——— *carbasea*. Melvill. 266.

MUREX [Muricidae].
——— *camerunensis*†. Oppenheim. 289.
——— *exquisitus*. Sowerby. 365.
——— *multispinosus*. Sowerby. 364.
——— *sykesi*. Preston. 310.

MYOCONCHA [Submytilacea].
——— *auriculata*†. Broili. 47.
——— *curvata*†. Broili. 47.
——— *recta*†. Broili. 47.
——— *retroflexa*†. Broili. 47.

Myophoria [Filibranchiata].
——— *acuticostata*†. Broili. 47.
——— *urdi*†. Böhm. 39.
Myrina [Filibranchiata].
——— *indica*. Smith. 347.
Mysidioptera [Filibranchiata].
——— *acuta*†. Broili. 47.
——— *angusticostata*†. Broili. 47.
——— *aviculaeformis*†. Broili. 47.
——— *bittneri*†. Broili. 47.
——— *buchi*†. Böhm. 39.
——— *compressa*†. Broili. 47.
——— *crassicostata*†. Broili. 47.
——— *elongata*†. Broili. 47.
——— *globosa*†. Broili. 47.
——— *gracilis*†. Broili. 47.
——— *interrupta*†. Broili. 47.
——— *latifissa*†. Broili. 47.
——— *marginata*†. Broili. 47.
——— *multistriata*†. Broili. 47.
——— *obliqua*† Broili. 47.
——— *planata*†. Broili. 47.
——— *readi*†. Broili. 47.
——— *rotunda*†. Broili. 47.
——— *striata*†. Broili. 47.
Mytilarca [Pseudolamellibranchiata].
——— *obliqua*†. Weller. 412.
Mytilus [Filibranchiata].
——— *antoni*†. Oppenheim. 288.
——— *cleopatrae*†. Oppenheim. 288.
——— *diepenheimi*†. Boehm. 33.
——— *thebaicus*†. Oppenheim. 288.
Nassa [Nassidae].
——— *calvertensis*†. Martin. 255.
——— *gangetica*. Preston. 310.
——— *greensboroënsis*†. Martin. 355.
——— *gubernatoria*†. Martin. 355.
——— *marylandica*†. Martin. 355.
——— *peraltoides*†. Martin. 355.
——— *poecilosticta*. Smith. 354.
——— *semiplicata* : *hiradoensis* n. subsp. Pilsbry. 303.
——— ——— *hizenensis* n. subsp. Pilsbry. 303.
——— *siba*. Preston. 310.
Nathorstites† n. gen. [Ammonoidea]. Böhm. 39.
——— *globosus*†. Böhm. 39.
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——— *mojsvari*†. Böhm. 39.
Natica [Naticidae].
——— *decipiens*. Smith. 354.
——— *gracilis*†. Archangeliskij. 10.
Natica [Naticidae].
——— *napus*. Smith. 354.
——— *osculum*†. Oppenheim. 289.
——— *servorum*†. Oppenheim. 289.
Naticella [Neritopsidae].
——— *bergeri*†. Picard. 301.
——— *tenuicostata*†. Picard. 301.
Nautilus [Nautiloidea].
——— *pavlowi*†. Archangelĭskij. 10.
——— *romeroi*. Ihering. 193.
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——— *affinis*. Eliot. 113.
——— *coerulea*. Eliot. 113.
Nenia [Pupidae].
——— *huancabembensis*. Rolle. 325.
Neocyclotus [Cyclophoridae].
——— *panamensis*. Da Costa. 89.
Neoptychites [Ammonoidea].
——— *crassus*†. Solger. 360.
——— *telingaeformis*†. Solger. 360.
Neritaria [Neritidae].
——— *depressa*†. Picard. 301.
——— *magna*†. Picard. 301.
——— *prior*†. Picard. 301.
——— *sphaeroidica*†. Picard. 301.
Neritina [Neritidae].
——— *oxytropida*†. Andrusov. 6.
Nipponites† n. gen. [Ammonoidea]. Yabe. 427.
Notarchus [Tectibranchiata].
——— *brevipes*. Hägg. 159.
Nothamusium† n. gen. [Pseudolamellibranchiata]. Hind. 180.
——— *radiatum*†. Hind. 180.
——— *transversum*†. Hind. 180.
Notodoris [Nudibranchiata].
——— *minor*. Eliot. 113.
Nucula [Protobranchiata].
——— *circuliformis*. Borisĭak. 44.
——— *hedleyi* n. nom. Pritchard and Galtiff. 313.
——— *irregularis*. Sowerby. 366.
——— *koeneni*†. Archangelĭskij. 10.
——— *kowalewkensis*†. Borisĭak. 44.
——— *krischfafowitschi*†. Archangelĭskij. 10.
——— *lola*†. Borisĭak. 44.
——— *maga*†. Borisĭak. 44.
——— *moeridis*†. Oppenheim. 288.
——— *nina*†. Borisĭak. 44.
——— *perkëo*†. Oppenheim. 289.

Nucula [Protobranchiata].
——— *sana* †. Borisiak. 44.
——— *sculpturata*. Sowerby. 366.
——— *sejugata*. Etheridge. 117.
——— *symetrica* †. Borisiak. 44.
——— *taliabutica* †. Boehm. 33.
——— *triangula* †. Archangelískij. 10.
——— *triangularis* †. Böhm. 39.

Nuculana [Protobranchiata].
——— *compta*. Sowerby. 366.
——— *gemmulata*. Sowerby. 366.
——— *lamellata*. Sowerby. 366.

Obba [Helicidae].
——— *subgranulata*. Sykes. 383.

Ocinebra [Muricidae].
——— *monoptera*. Pilsbry. 303.

Odostomia [Pyramidellidae].
——— *americana*. Dall and Bartsch. 97.
——— *callipyrga* n. nom. Dall and Bartsch. 97.
——— *calvertensis* †. Martin. 255.
——— *dorica*. Melvill. 266.
——— *mariana* †. Martin. 255.
——— *marylandica* †. Martin. 255.
——— *pilsbryi*. Dall and Bartsch. 97.

Oedania † n. gen. [Ammonoidea]. Buckman. 51.
——— *falcigera* †. Buckman. 51.

Oliva [Olividae].
——— *harrisi*. Martin. 255.

Olivella [Olividae].
——— *zintgrafi* †. Oppenheim. 289.

Omphalius [Turritellidae].
——— *collingei*. Melvill. 266.

Oncidiella [Onchidiidae].
——— *flavescens*. von Wissel. 417.

Ontaria † n. gen. [Submytilacea]. Clarke. 64.
——— *accincta* †. Clarke. 64.
——— *affiliata* †. Clarke. 64.
——— *halli* †. Clarke. 64.
——— *pontiaca* †. Clarke. 64.

Opeas [Stenogyridae].
——— *henshawii*. Sykes. 381.
——— *heptagyrum*. Boettger. 36.

Opisthostoma [Cyclophoridae].
——— *beddomei*. Smith. 352.

Orinella n. subgen. [Pyramidellidae]. Dall and Bartsch. 97.

Oriostoma [Turbinidae].
——— *huntingtonensis* †. Kindle and Breger. 214.
——— ——— var. *alternatum* † n. var. Kindle and Breger. 214.
——— *plana* †. Kindle and Breger. 214.

Ornithochiton [Amphineura].
——— *marmoratus*. von Wissel. 417.

Orthoceras [Nautiloidea].
——— *delphiensis* †. Kindle and Breger. 214.
——— *kentlandensis* †. Kindle and Breger. 214.

Oscilla [Rissoidae].
——— *faceta*. Melvill. 266.
——— *jocosa*. Melvill. 266.

Ostrea [Pseudolamellibranchiata].
——— *anomioides* var. *nanus* † n. var. Johnson. 203.
——— *calceoformis*. Broili. 47.
——— *choffati* †. Oppenheim. 289.
——— *circumpicta*. Pilsbry. 304.
——— *drepanon* †. Wolleman. 420.
——— *helios* †. Wolleman. 420.
——— *mendax* †. Oppenheim. 288.
——— *praecochlear* †. Oppenheim. 288.
——— *recta* †. Oppenheim. 288.
——— *rionegrensis*. Ihering. 193.
——— *rocana*. Ihering. 193.
——— *whitehousei* †. May.-Eym. 288.

Ovula [Cypraeidae].
——— *symmetrica* †. Aldrich. 1.

Pachycardia [Submytilacea].
——— *plieningeri* †. Broili. 47.

Pachydiscus [Ammonoidea].
——— *laevicaniculatus* †. Lasswitz. 231.

Painea † n. gen. [Ammonoidea]. Buckman. 51.
——— *nitens* †. Buckman. 51.

Palaeoneilo [Protobranchiata].
——— *amigdala* †. Borisiak. 44.
——— *bittneri* †. Borisiak. 44.
——— *brevicula* †. Clarke. 64.
——— *choroschovcensis* †. Borisiak. 44.
——— *linguata* †. Clarke. 64.
——— *lunaris* †. Böhm. 39.
——— *muricata* †. Clarke. 64.
——— *petila* †. Clarke. 64.
——— *tobiesenі* †. Böhm. 39.
——— *volgensis* †. Borisiak. 44.

PAPUINA [Helicidae].
——— *ecolorata*. Sykes. 383.
——— *fallax*. Fulton. 132.
——— *lanceolata* n. var. Sykes. 383.
——— *semibrunnea*. Sykes. 383.

PAPYRIDEA [Cardiacea].
——— *harrimani*†. Dall. 92.

PARACARDIUM [Anatinacea].
——— *delicatulum*†. Clarke. 64.

PARACLIONE [Pteropoda].
——— *pelseneeri*. Tesch. 386.

Paralagena n. nom. [Tritonidae]. Dall. 91.

Paraptyx† n. gen. [Pseudolamellibranchiata]. Clarke. 64.
——— *ontario*†. Clarke. 64.

PARVITEREBRA [Terebridae].
——— *paucivoltis*. Pilsbry. 303.

PECTEN [Pseudolamellibranchiata].
——— *alcocki*. Smith. 347.
——— *broilii*†. Philipp. 299.
——— *caillaudi*†. Oppenheim. 288.
——— *cairensis*†. Oppenheim. 288.
——— *damesi*†. Böhm. 39.
——— *domgeri*†. Michajlovskij. 273.
——— *farreri*. Jones & Preston. 204.
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——— *schiophilus*†. Oppenheim. 288A.
——— *subminutus*†. Aldrich. 1.
——— *vezzanensis*†. Oppenheim. 288A.

PECTUNCULUS [Filibranchiata].
——— *aegyptiacus*†. Oppenheim. 288.
——— *pyramidarum*†. Oppenheim. 288.
——— *triangulus*†. Archangeliskij. 10.

PERACLIS [Pteropoda].
——— *moluccensis*. Tesch. 386.
——— *rissoides*. Tesch. 386.

Perenodoris n. gen. [Nudibranchiata]. Bergh. 26.
——— *cancellata*. Bergh. 26.

PERRIERIA [Pupidae].
——— *canefriana*. Sykes. 383.

PHAENODESMIA [Protobranchiata].
——— *dorogomilovensis*†. Borisʹiak. 44.
——— *nikitini*†. Borisʹiak. 44.

PHILINE [Tectibranchiata].
——— *sykesii*. Melvill. 261.

PHILIPPIELLA [Pseudolamellibranchiata].
——— *rubra*. Hedley. 168.

PHILOBRYA [Pseudolamellibranchiata].
——— *inornata*. Hedley. 168.

PHOLADOMYA [Anatinacea].
——— *franciscae*†. Böhm. 39.

PHOS [Buccinidae].
——— *tabidus*. Hedley. 168.

PHRAGMOSTOMA [Prosobranchiata].
——— *chautauquae*†. Clarke. 64.

Phryglomurex n. sect. [Tritonidae]. Dall. 91.

PHYLLOCERAS [Ammonoidea].
——— *böckhi*†. Prinz. 311.
——— *borni*†. Prinz. 311.
——— *frechi*†. Prinz. 311.
——— *gajárii*†. Prinz. 311.
——— *hintzei*†. Prinz. 311.
——— *lörentheii*†. Prinz. 311.
——— *lóczyi*†. Prinz. 311.
——— *perplanum*†. Prinz. 311.
——— *semseyi*†. Prinz. 311.
——— *szabói*†. Prinz. 311.
——— *trilabiatum*†. Prinz. 311.

PINNA [Pseudolamellibranchiata].
——— *ecki*†. Picard. 302.
——— *heeri*†. Böhm. 39.
——— *lima*†. Böhm. 39.
——— *squamifera*. Sowerby. 366.

PITAR [Veneracea].
——— *sulfurea*. Pilsbry. 304.

PLACENTICERAS [Ammonoidea].
——— *intermedium*†. Johnson. 203.
——— *rotundatum*†. Johnson. 203.

PLANISPIRA [Helicidae].
——— *endoptycha* n. var. Sykes. 383.
——— *fruhstorferi*. Sykes. 383.
——— *gebiensis*. Sykes. 383.

PLATYCERAS [Capulidae].
——— *columbiana*†. Weller. 412.

PLATYOSTOMA [Capulidae].
——— *nearpassi*†. Weller. 412.

PLETHOMYTILUS [Filibranchiata].
——— *cuneatus*†. Kindle and Breger. 214.

PLEURODON [Filibranchiata].
——— *maorianus*. Hedley. 169.

PLEUROLEURA [Nudibranchiata].
——— *alba*. Eliot. 113.

PLEURONAUTILUS [Nautiloidea].
——— *pulcher*. Crick. 86.

Pleurophorella† n. gen. [Anatinacea]. Girty. 140.
——— *papillosa*†. Girty. 140.

PLEUROPHORUS [Submytilacea].
——— *anderssoni*†. Böhm. 39.
——— *perlongus*†. Böhm. 39.

PLEUROTOMA [Conidae].
——— *calvertensis*†. Martin. 255.
——— *camerunensis*†. Oppenheim. 289.
——— *caseyi*†. Aldrich. 1.
——— *choptankensis*†. Martin. 255.
——— *communis* var. *protocommunis*† n. var. Martin. 255.
——— *halicyroa*. Melvill. 264.
——— *koeneni*†. Archangelĭskij. 10.
——— *ludmilae*†. Archangelĭskij. 10.
——— *margaritae*. Smith. 347.
——— *patricia*. Melvill. 264.
——— *subcrassus*†. Archangelĭskij. 10.
——— *trypanodes*. Melvill. 261.
——— *wuriana*†. Oppenheim. 289.

PLEUROTOMARIA [Pleurotomariidae].
——— *ciliata*†. Clarke. 64.
——— *eloroidea*†. Kindle and Breger. 214.
——— *genundewa*†. Clarke. 64.
——— *itylus*†. Clarke. 64.
——— *weissermeli*†. Wolleman. 421.

PLICATULA [Pseudolamellibranchiata].
——— *schweinfurthi*†. Oppenheim. 288.
——— *variolosa*†. Oppenheim. 288.

PNEUMODERMIA [Pteropoda].
——— *heterocotylum*. Tesch. 386.
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POECILOZONITES [Limacidae].
——— *cupula*. Gulick. 157.
——— *dalli*. Gulick. 157.
——— *nelsoni* var. *callosus* n. var. Gulick. 157.

POLINICES [Naticidae].
——— *sagamiensis*. Pilsbry. 303.

Polygyrata† n. gen. [Pleurotomariidae]. Weller. 412.
——— *sinistra*†. Weller. 412.

Polypodidae n. nom. [Dibranchiata]. Hoyle. 185.

POLYPUS [Dibranchiata].
——— *oculifer*. Hoyle. 185.

POROLEDA [Protobranchiata].
——— *tatei*. Hedley. 171.

POROMYA [Septibranchiata].
——— *curta*. Sowerby. 366.
——— *gilchristi*. Sowerby. 366.
——— *granosissima*. Sowerby. 366.
——— *striata*. Sowerby. 366.

POSIDONIA [Pseudolamellibranchiata].
——— *marcellensis*†. Clarke. 64.
——— *venusta* var. *nitidula*† n. var. Clarke. 64.

POSIDONOMYA [Pseudolamellibranchiata].
——— (?) *malladai*†. Delgado. 100.
——— ? *plana*†. Philipp. 299.

PRAECARDIUM [Anatinacea].
——— *melletes*†. Clarke. 64.
——— *multicostatum*†. Clarke. 64.

PROMATHILDIA [Turritellidae].
——— *parva*†. Böhm. 39.

PROSPONDYLUS [Pseudolamellibranchiata].
——— *crassus*†. Broili. 47.
——— *palliatus*†. Broili. 47.
——— *zimmermanni*†. Broili. 47.

PROTORCULA [Pseudomelaniidae].
——— *lissotropis*†. Picard. 301.
——— *punctata*†. Picard. 301.

Protospirialis n. gen. [Pteropoda]. Clarke. 64.

PROTOTHACA [Pelecypoda].
——— *grewingkii*. Dall. 92.

PSAMMOBIA [Tellinacea].
——— *arakanensis*. Smith. 347.
——— *gubernatoria*†. Glenn. 143.

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——— *sinaica*. Pallary. 292.

Pseudelma n. gen [Testacellidae]. Kobelt. 216.

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Pseudoglessula [Stenogyridae].
——— *gracilior*. Smith. 350.
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——— *coniformis*†. Oppenheim. 289.
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——— *krischtafovitschi*†. Archangeliskij. 10.
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Pseudomonotis [Pseudolamellibranchiata].
——— *bittneri*†. Philipp. 299.
——— *sp'tzbergensis*†. Böhm. 39.
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——— *philippii*†. Solger. 360.
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——— *romeroi*†. Ihering. 193.
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——— *elmensis*†. Clarke. 64.
——— *fragilis* var. *orbicularis* n. var. Clarke. 64.
——— *perissa*†. Clarke. 64.
——— *sinuosa*†. Clarke. 64.
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Ptychoceras [Nautiloidea].
——— (?) *closteroides*. Etheridge. 117.
Ptychopteria [Pelecypoda].
——— *subquadrata*†. Weller. 412.
Punctum [Endodontidae].
——— *horneri*. Ancey. 4.
——— *propygmaeum*†. Andreae. 5.
Puncturella [Fissurellidae].
——— *demissa*. Hedley. 169.
Pupa [Pupidae].
——— *similis* var. *guidoni* n. var. Caziot. 61.
Purpura [Muricidae].
——— *texturata*. Smith. 354.
——— *tosana*. Pilsbry. 303.
Pyramidella [Pyramidellidae].
——— *cossmanni* n. nom. Dall and Bartsch. 97.
——— *dodona*. Dall and Bartsch. 97.
Pyramidula [Endodontidae].
——— *mamillata*†. Andreae. 5.
Pyroteuthis n. gen. [Dibranchiata]. Hoyle. 185.
Pyrula [Doliidae].
——— *harrisi*†. Martin. 255.
Raphistoma [Pleurotomariidae].
——— *columbiana*†. Weller. 412.
Retusa [Tectibranchiata].
——— *bysma*. Melvill. 264.
——— *marshalli*. Sykes. 380.
——— *marylandica*†. Martin. 255.
Rhabdoconcha [Gastropoda].
——— *fritschi*†. Picard. 301.
Rhombopteria [Pseudolamellibranchiata].
——— *clathratus*†. Weller. 412.
Rhopalithes† n. gen. [Fasciolaridae]. Grabau. 148.
——— *clavelloides*. Grabau. 148.
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Rhynchopterus [Pelecypoda].
——— *perna*†. Böhm. 39.
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——— *chuni*. Hoyle. 185.
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——— *duplicata*. Suter. 377.
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——— *columen*. Melvill. 261.
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The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Stenocypris chevreuxii, Britain. *S. perarmata* n. sp. Natal. **Brady,** G. S. London, Proc. Zool. Soc., **1904,** 2, (126–127, pl. VIII, figs. 50–62).

COPEPODA.

GENERAL.

Brian, A. Note su alcuni crostacei parassiti dei pesci del Mediterraneo. Genova, Boll. Musei zool. anat. comp., No. **115,** 1902, (1–16, con 1 tav.); Genova, Atti Soc. ligustica sc. nat. geogr., **13,** 1902, (30–45, con 1 tav.).

Ekman, S. . . freilebende Copepoden aus Ägypten und dem Sudan. *In*: Jägerskiöld, L. A. Results of the Swedish zoolog. exped. to Egypt 1901. Pt. 1. Uppsala, 1904, (15–18, with pl.).

Marsh, C. D. Report on the Copepoda. *In*: Ward, H. B. A biological reconnaissance of some elevated lakes in the Sierras and the Rockies. Lancaster, Pa., Trans. Amer. Microsc. Soc., **25,** 1904, (146–149, with pl.).

Pearson, Joseph. [Records of Copepoda]. Irish Nat., Dublin, **13,** 1904, (43-93).

Thiele, J. Beiträge zur Morphologie der Arguliden. Berlin, Mitt. zool. Mus., **2,** H. 4, 1904, (1-51, mit 4 Taf.).

Wolf, E. Beiträge zur Biologie der Süsswasser-Copepoden. Verh. D. zool. Ges., Leipzig, **14,** 1904, (224–235).

SPECIAL.

Achtheres sandrae n. sp. Finnland. Helsingfors, Acta Soc. Fauna et Fl. Fenn., **26,** 8, 1904, (22).

Actideus tenuirostris n. sp. N. Atlantic. **Wolfenden,** R. N. Plymouth, J. Mar. Biol. Ass., **7,** 1904, (116).

Alteutha, description. **Sars,** G. O. Crustacea of Norway, **5,** Pts. 5 and 6, Bergen, 1904, (61–65, with fig.).

Amymone rubra. **Brady,** G. S. Newcastle, Trans. Nat. Hist. Soc., **1,** No. 1, 1904, (5, pl. I, fig. 13).

Argulus, habits. **Wilson,** C. B. Wood's Holl, Mass., Mar. Biol. Lab. Bull., **2,** 1901, (332–333); *A.* parasitic on fish. Washington, D.C., Dept. Comm. Lab., Bull. Bur. Fish., **24,** 1904, (11 +

115-131, with text fig.); *A. nobilis* n. sp. **Thiele,** J. Berlin, Mitt. zool. Mus., **2,** H. 4, 1904, (1-51, mit 4 Taf.); *A. trilineata* n. sp. **Wilson,** C. B. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27,** 1904, (627-655, with text fig.).

Aspidiscus littoralis n. sp. Norway. **Sars,** G. O. Crustacea of Norway, Bergen, **5,** 1904, (79, pls. XLVI-XLVII).

Attheyella coronata n. sp. Pacific. **Sars,** G. O. Zool. Jahrb., Jena, Abt. f. Syst., **19,** 1901, (629-646); *A. natalis* n. sp. **Brady,** G. S. London, Proc. Zool. Soc., **1904,** 2, (124, pl. VII).

Augaptilus nn. spp. **Wolfenden,** R. N. Plymouth, J. Mar. Biol. Ass., **7,** 1904, (122).

Boeckella nn. spp. Pacific. **Sars,** G. O. Zool. Jahrb., Jena, Abt. f. Syst., **19,** 1904, (636-638).

Bradya dilatata n. sp. Norway. **Sars,** G. O. Crustacea of Norway, 5, Pts. 3 and 4, Bergen, 1904, (45-47, with fig.).

Candacia nn. spp. Cape Good Hope. **Cleve,** P. T. Cape Town, Marin. Invest., **3,** 1904, (198-200, pls. I-III, figs. 1-16); *C. rotunda* n. sp. N. Atlantic. **Wolfenden,** R. N. Plymouth, J. Mar. Biol. Ass., **7,** 1904, (118, pl. IX, figs. 10-11).

Canthocamptus nn. spp. **Lilljeborg,** W. Stockholm, Vet.-Ak. Handl., **36,** No. 1, 1902, (4-61); *C.* nn. spp. Novaja Semlja, Sibiria orient. Stockholm, Vet.-Ak. Bih. Afd. IV, **28,** IV, No. 9, 1902, (3-18, with pl.); *C. idahoensis* n. sp. Idaho. **Marsh,** C. D. Madison, Trans. Wis. Acad. Sci., **14,** (1902), 1903, (112-116, with pl.); *C. subterraneus* n. sp. Krim. **Carl,** J. Zool. Anz., Leipzig, **28,** 1904, (323).

Centropages nn. spp. **Cleve,** P. T. Ark. Zool., Stockholm, **1,** 1904, (371-376).

Chiridius vanhöffeni n. sp. N. Atlantic. **Wolfenden,** R. N. Plymouth, J. Mar. Biol. Ass., **7,** 1904, (117, pl. IX, fig. 3).

Corycaeus erythraeus n. sp. **Cleve,** P. T. Ark. Zool., Stockholm, **1,** 1904, (376).

Ctenocalanus vanus. **Wolfenden,** R. N. Plymouth, J. Mar. Biol. Ass., **7,** 1904, (125, pl. IX, fig. 9).

Cyclops leuckartii and nn. spp. Natal. **Brady,** G. S. London, Proc. Zool. Soc., **1904,** 2, (122-123, pl. VI).

Diaptomus lehmeri n. sp. Mexico. **Pearse,** A. S. Amer. Nat., Boston, Mass., **38,** 1904, (889-891, with text fig.); *D. nudus* n. sp. **Marsh,** C. D. Trans. Amer. Microsc. Soc., Lancaster, Pa., **25,** 1904, (146-149, with pl.).

Ectinosoma nn. spp. **Sars,** G. O. Crustacea of Norway, **5,** Pts. 3 and 4, Bergen, 1904, (29-40, with figs.).

Ectocyclops n. gen. near *Cyclops, E. rubescens* n. sp. Natal. **Brady,** G. S. London, Proc. Zool. Soc., **1904,** 2, (124, pls. VI-VII).

Eucalanus atlanticus n. sp. N. Atlantic. **Wolfenden,** R. N. Plymouth, J. Mar. Biol. Ass., **7,** 1904, (113, pl. IX, figs. 3 and 4).

Euchaeta, notes and figures of species. **Wolfenden,** R. N. *l.c.* (133-135, text-figs.); *E. affinis* n. sp. Cape Good Hope. **Cleve,** P. T. Cape Town, Marin. Invest., **3,** 1904, (201, pl. III, figs. 17-19).

Euchirella, notes on species. **Wolfenden,** R. N. Plymouth, J. Mar. Biol. Ass., **7,** 1904, (115-116).

Eudactylina minuta n. sp. Dernoch Firth, on *Trygon pastinacea.* **Scott,** T. Glasgow, Rep. Fish. Board, **22,** 3, 1904, (275, pl. XVII, figs. 1-11).

Faroella n. gen., *F. multiserrata* n. sp. N. Atlantic. **Wolfenden,** R. N. Plymouth, J. Mar. Biol. Ass., **7,** 1904, (117, pl. IX, figs. 26-28).

Gaetanus canpani (?), *G. major* n. sp. N. Atlantic. **Wolfenden,** R. N. *l.c.* (114, pl. IX).

Gaidius spp., notes and figures. **Wolfenden,** R. N. *l.c.* (114, 131, pl. IX).

Harpacticus, description. **Sars,** G. O. Crustacea of Norway, **5,** Pts. 3 and 4, Bergen, 1904, (49-54, with fig. of all the sp.); *H. chelifer.* **Brady,** G. S. Newcastle, Trans. Nat. Soc., **1,** No. 1, 1904, (6, pl. II, figs. 9-16).

Heteranthessius n. nom. for *Paranthessius* T. Scott, nom Claus. **Scott,** T. Glasgow, Rep. Fish. Board, **22,** 3, 1904, (259).

Heterorhabdus grandis n. sp. N. Atlantic, *H. longicornis*. **Wolfenden**, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (120, 124, pl. IX, figs. 34, 36).

Iliophilus n. gen., *I. flexibilis* n. sp. Sweden. **Lilljeborg**, W. Stockholm, Vet.-Ak. Handl., **36**, No. 1, 1902, (61–65).

Jeanella n. nom. for *Platypsyllus* T. Scott, non Ritsema nec Westwood. **Scott**, T. Glasgow, Rep. Fish. Board, **22**, 3. 1904, (259).

Labidocera similis n. sp. **Cleve**, P. T. Ark. Zool., Stockholm, **1**, 1904, (378–379).

Laophonte mohammed Rich., Bemerkung. **Zykoff**, W. Zool. Anz., Leipzig, **28**, 1904, (246-249).

Lernaea lusei. **Scott**, T. Glasgow, Rep. Fish. Board, **22**, 3, 1904, (277, pl. XVII, figs. 12, 13).

Lernaeopoda extumescens n. sp. Finnland. **Gadd**, P. Helsingfors, Acta Soc. Fauna et Fl. Fenn., **26**, 8, 1904, (31).

Lophothrix securifrons n. sp. N. Atlantic, *L. frontalis*. **Wolfenden**, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (120, pl. IX).

Lucicutia nn. spp. Cape Good Hope. **Cleve**, P. T. Cape Town, Marin. Invest., **3**, 1904, (202-204, pl. VI, figs. 33-34); *L. atlantica* n. sp. N. Atlantic, *L.* spp. notes and figs. **Wolfenden**, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (121, pl. IX).

Maraenobiotus affiinis n. sp. Turkestan. **Daday**, E. von. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (487).

Megacalanus n. gen., *M. princeps* n. sp. N. Atlantic. **Wolfenden**, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (112, pl. IX, figs. 1, 2).

Metridia normani. **Wolfenden**, R. N. *l.c.* (125, pl. IX, figs, 39, 40).

Microsetella, description. **Sars**, G. O. Crustacea of Norway, 5, Pts. 3 and 4, Bergen, 1904, (43–45, with fig.).

Monstrilla, notes and figures of species; *M. dubia* n. sp. Forth and Clyde. **Scott**, T. Glasgow, Rep. Fish. Board, **22**, 3, 1904, (243–247, pls. XIII–XV).

Nitocra paradoxa n. sp. Turkestan. **Daday**, E. von. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (492).

Oithona nana Giesbr., Vorkommen in der Nordsee. **van Breemen**, P. J. Con. perm. internat. explor. mer. Publ. circ. Nr. **7**, 1903, Copenhague, (1-24, with 1 map).

Ophiocamptus muscicola. **Richters**, F. Zool. Anz., Leipzig, **28**, 1904, (373–377).

Paracartia grani n. sp. **Sars**, G. O. Bergens Mus. Aarb., **1904**, No. 4, (4).

Parategastes n. gen. **Sars**, G. O. Crustacea of Norway, **5**, Pts. 5 and 6, Bergen, 1904, (72–74, with fig.).

Paraugaptilus n. gen., *P. buchani* n. sp. **Wolfenden**, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (123, pl. IX, figs. 44, 45).

Peltidium, description. **Sars**, G. O. Crustacea of Norway, **5**, Pts. 5 and 6, Bergen, 1904, (65–67, with fig.).

Phyllopus bidentatus. **Wolfenden**, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (124, pl. IX, fig. 16).

Pontopolites typicus. **Brady**, G. S. Newcastle, Trans. Nat. Hist. Soc., **1**, No. 1, 1904, (6, pl. I, figs. 4–12).

Porcellidium, description. **Sars**, G. O. Crustacea of Norway, **5**, Pts. 5 and 6, Bergen, 1904, (75–77, with fig.).

Pseudaetideus n. gen., *P. armatus* n. sp. N. Atlantic. **Wolfenden**, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (115, pl. IX, figs. 29–31).

Pseudobradya n. gen., *P. acuta* n. sp. Norway. **Sars**, G. O. Crustacea of Norway, **5**, Pts. 3 and **4**, Bergen, 1904, (40–43, with figs.).

Sabelliphilus bispirae n. sp. **McIntosh**, W. C. Cape Town, Marin. Invest., **3**, 1904, (86, pl. IX, figs. 51–56).

Sacculina carcini Rathke, premiers stades du développemeut. **Abric**, P. Paris, C.-R. Acad. sci., **139**, 1904, (430–432).

Scolecithricella neptuni n. sp. Cape Good Hope. **Cleve**, P. T. Cape Town, Marin. Invest., **3**, 1904, (206, pls. IV–V, pl. VI, figs. 30–31).

Scolecithrix nn. spp. **Wolfenden**, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (119–120, pl. IX, figs. 5, 6).

Silvestria n. gen., *S. truchae* n. sp. **Brian**, A. Genova, Boll. Musei zool. anat. comp., N°. **119**, 1902, (1–4, con 1

fig.); Genova, Atti Soc. ligustica sc. nat. geogr., **13**, 1902, (245–248, con 1 fig.).

Sphaeronella, notes and figs. of species, nn. spp. Coast of Scotland. **Scott**, T. Glasgow, Rep. Fish. Board, **22**, 3, 1904, (251, 253, pl. XV); *S. norvegica* n. sp. on *Rhachotropis leucophthalmus* (Amphipoda), Norway. **Hansen**, H. J. Q. J. Microsc. Sci., London, (N. Ser.), **42**, 1904, (348, pl. XXII, figs. 1*a*–1*g*).

Sphaeronellopsis n. gen., *Chemastanatidae*, *S. littoralis* n. sp. on *Sarsiella hispida*, (Ostracoda). New Zealand. **Hansen**, H. J. *l.c.* (354, pl. XXII, figs. 2*a*–2*g*).

Spinocalanus magnus n. sp. N. Atlantic. **Wolfenden**, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (118).

Stenothocheres egregius. **Scott**, T. Glasgow, Rep. Fish. Board. **22**, 3, 1904, (250, pl. XV, figs. 5–10).

Tegastes nn. spp., description. **Sars**, G. O. Crustacea of Norway, **5**, Pts. 5 and 6, Bergen, 1904, (68–72, with figs.).

Thaumaleus, notes and figures of species, nn. spp. Shetland. **Scott**, T. Glasgow, Rep. Fish. Board, **22**, 3, 1904, (248–250, pls. XIII, XIV).

Thymnicola n. gen., *T. ziegleri* n. sp. **Miculicich**, M. Zool. Anz., Leipzig, **28**, 1904, (47–52); *T. ziegleri* Miculicich = *Brachiella thynni* Cuv. **Stenta**, M. *l.c.* (345–347).

Tigriopus, description. **Sars**, G. O. Crustacea of Norway, **5**, Pts. 3 and 4, Bergen, 1904, (54–56, with fig.).

Valdiviella n. gen., *V. oligarthra* n. sp. Valdivia-Expedition. **Steuer**, A. Zool. Anz., Leipzig, **27**, 1904, (593–598).

Xanthocalanus nn. spp. N. Atlantic. **Wolfenden**, R. N. Plymouth, J. Mar. Biol. Ass., **7**, 1904, (118, 119, pl. IX); *X. fragilis aurivilius*. Cape Good Hope. **Cleve**, P. T. Cape Town, Marin. Invest., **3**, 1904, (209, pl. VI, fig. 32).

Zaus abbreviatus n. sp. Norway. **Sars**, G. O. Crustacea of Norway, **5**, Pts. 5 and 6, Bergen, 1904, (56–60, with figs.).

PHYLLOPODA.

General.

Birge, E. A. Report on the Cladocera. *In*: Ward, H. B. A biological reconnaissance of some elevated lakes in the Sierras and the Rockies. Trans. Amer. Microsc. Soc., Lancaster, Pa., **25**, 1904, (149–151, with pl.).

Ekman, S. Cladoceren . . . aus Ägypten und dem Sudan. *In*: Jägerskiöld, L. A. Results of the Swedish zoolog. exped. to Egypt, 1901. Pt. 1. Uppsala, 1904, (1–14, with pl.).

Fordyce, C. Additional notes on the Cladocera of Nebraska. [With bibliography.] Trans. Amer. Microsc. Soc., Lancaster, Pa., **25**, 1904, (45–54, with 1 pl.).

Sprague, *Miss.* Note on the occurrence of certain Cladocera in the Edinburgh district. Edinburgh, Proc. R. Physic. Soc., **15**, Pt. 2, 1904, (111).

Stingelin, Th. Untersuchungen über die Cladocerenfauna von Hinterindien, Sumatra und Java, nebst einem Beiträge zur Cladoceren-Kenntnis der Hawaii-Inseln. (Reise von Dr. Walter Volz.) Zool. Jahrb., Jena, Abt. f. Syst., **21**, 1904, (327–370, mit 3 Taf.).

Special.

Alona novae-zealandiae n. sp. Pacific. **Sars**, G. O. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (629–646).

Alonella brevicepst n. sp. Hawaii. **Stingelin**, T. Zool. Jahrb., Jena, Abt. f. Syst., **21**, 1904, (327–370, mit 3 Taf.).

Bosmina coregoni gibbera Schoedler ♂. **Keilhack**, L. Zool. Anz., Leipzig, **27**, 1904, (564); *B. hagmanni* n. sp. **Stingelin**, T. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (575–590); Zool. Anz., Leipzig, **28**, 1904, (153–154); *B. meridionalis* n. sp. Pacific. **Sars**, G. O. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (631).

Chydorus robustus† n. sp. Hawaii. **Stingelin**, T. *l.c.* **21**, 1904, (327–370, mit 3 Taf.).

Daphnia magna var. *americana* n. var. **Fordyce**, C. Trans. Amer. Microsc. Soc., Lancaster, P., **25**, 1904, (45–54, with 1 pl.); *D. pulex*, das Ephippium. Studien

über Kutikulargenese und -Struktur und ihre Beziehungen zur Physiologie der Matrix. **Wolff**, M. Biol. Centralbl., Leipzig, **24**, 1904, (644-650, 697-722, 761-767); *D. pulex*, reactions. **Yerkes**, R. M. Parker, G. H., *ed.* Mark Anniversary Volume, New York, 1903, ([359]-377, with text fig.).

Drepanothrix dentata, Vorkommen. **Zacharias**, O. Natw. Wochenschr., Jena, **19**, 1904, (845).

Evadne, notes and key to species. **Stebbing**, T. R. R. London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, 1904, (41).

Holopedium amazonicum n. sp. Amazonas. **Stingelin**, T. Zool. Anz., Leipzig, **28**, 1904, (153-154); Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (577).

Leydigia trichura n. sp. Nebraska. **Fordyce**, C. Trans. Amer. Microsc. Soc., Lancaster, Pa., **25**, 1904, (45-54, with 1 pl.).

Macrothrix affinis n. sp. Natal. **Brady**, G. S. London, Proc. Zool. Soc., **1904**, 2, (127, pl. VIII, figs. 63-65); *M. cornuta* n. sp. Turkestan. **Daday**, E. von. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (508); *M. montana* n. sp. **Birge**, E. A. Trans. Amer. Microsc. Soc., Lancaster, Pa., **25**, 1904, (149-151, with pl.); *M. schauinslandi* n. sp. Pacific. **Sars**, G. O. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (632).

Moinodaphnia brasiliensis n. sp. **Stingelin**, T. *l.c.* **20**, 1904, (580); Zool. Anz., Leipzig, **28**, 1904, (153-154).

Parasida n. gen. verwandt mit *Pseudosida* Herrick., *P. szalayi* (Dad), *P. ramosa* n. sp., *P. variabilis* n. sp. **Daday**, J. Rovart. L., Budapest, **11**, 1904, (111-112).

Pleuroxus hastirostris n. sp. Pacific. **Sars**, G. O. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (635).

Podon leuckarti attacking post-larval fish. **Scott**, T. Glasgow, Rep. Fish. Board, **22**, 3, 1904, (279).

Polyartemia hazeni Murdoch, ausführliche Beschreibung, *P. forcipata*, Körperbau. **Ekman**, S. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 11, 1902, (5-36, with pl.).

Saycia n. gen., *S. orbicularis* n. sp. Victoria. **Sars**, G. O. Arch. Math. Naturv., Kristiania, **26**, No. 3, 1904, (4, 5).

Streptocephalus neumanni n. sp. **Thiele**, J. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1900, (371-374, mit 1 Taf.).

MALACOSTRACA.

Calman, W. T. *Anaspidacea*, new Order; *Eucarida*, new name for division of Eumalacostraca (Orders Euphausacea, Decapoda); *Hoplocarida*, new name for division of Eumalacostraca, (Order Stomatopoda); *Peracarida*, new name for division of Eumalacostraca (Orders Mysidacea, Cumacea, Tanaidacea, Isopoda, Amphipoda). Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (144-158).

LEPTOSTRACA.

General.

Thiele, Joh[annes]. Die Leptostraken. (Wissensch. Ergebnisse d. D. Tiefsee-Expedition, Bd 8, Lfg 1.) Jena (G. Fischer), 1904, (1-26, mit 4 Taf.). 35 cm.

Special.

Nebaliacea, Order, n. nom. **Calman**, W. T. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (144-158).

Nebaliella antarctica n. sp. **Thiele**, J. Wissensch. Ergebnisse d. D. Tiefsee-Expedition. Jena, **8**, Lfg. 1, 1904, (3-4).

ARTHROSTRACA.

Sovinskij, V. K. Einführung i. d. Studium d. Fauna d. Pontisch-Kaspisch-Aralischen Meeresbassins . . . (Russ.). Kiev, Zap. Obšč. Jest., **18**, 1904, (I-XIII, 1-487, mit 4 Taf. und Beilagen 1-216, 1-II).

AMPHIPODA.

General.

Bruntz, L. Sur l'existence de trois sortes de cellules phagocytaires chez les amphipodes normaux. Paris, C.-R. Acad. sci., **139**, 1904, (368-370).

Holmes, S. J. Amphipod Crustaceans of the expedition. [*In*: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 10.] New York, **10**, 1904, ([231]-246, with text fig.).

Patterson, R. Amphipoda and Isopoda (from Sligo). Irish Nat., Dublin, **13**, 1904, (202).

Senna, A. Nota sugli *Oxicephalidae* [del Mediterraneo]. Firenze, Boll. Soc. entom., **34**, (1902), trimestre 1°-2°, 1902, (10–32, con 1 tav.).

Stebbing, T. R. R. *Scinidae* def. and key to genera. London, Trans. Linn. Soc. Zool., **10**, pt. 2, 1904, (18).

SPECIAL.

Allorchestes pernix n. sp. **Moreira**, C. Arch. Mus., Rio de Janeiro, **12**, 1903, (187–189).

Ampelisca, key to some species and nn. spp. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (249–254, pls. II–IV).

Amphithoe intermedia n. sp. Ceylon. **Walker**, A. O. *l.c.* (290, pl. VII, fig. 46); *A. longimana*, habits. **Holmes**, S. J. Wood's Holl, Mass, Mar. Biol. Lab. Bull., **2**, 1901, (165–193, with text fig.).

Anamixis stebbingi n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (259, pl. III, fig. 18).

Apherusa n. gen., *A. clevei* n. sp. **Sars**, G. O. Cons. perm. internat. explor. mer, Publ. circ., Nr. **10**, Copenhague, 1904, (1–4, with 1 pl.).

Archaeascina n. gen. *Scinidae*, *A. bonnieri* n. sp. Bay of Biscay, 300–400 fms. **Stebbing**, T. R. R. (London, Trans. Linn. Soc. Zool, (Ser. 2), **10**, 1904, (19, pl. IIIA).

Brachyscelus notes on species. **Stebbing**, T. R. R. *l.c.* Pt. 2, 1904, (40).

Bronislavia n. gen., *B. radziszewskii* n. sp. **Rakovskyj**, I. Lemberg, Zbirn. Sekc. Mat.Prírod. Likarsk, **8**, Heft 2, 1902, (1–14).

Byblis intermedius n. sp. Arctic seas. **Stebbing**, T. R. R. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (18).

Caprella nn. spp. Alaska. **Holmes**, S. J. *In*: Alaska, New York, **10**, 1904, (241-245).

Cheiriphotis n. gen. *Photidae*, *C. megacheles* n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (283–284, pl. VI, fig. 42).

Chevalia n. gen. *Photidae*, *C. aviculae*, n. sp. Ceylon. **Walker**, A. O. *l.c.* (288, pl. VII, fig. 50, pl. VIII, fig. 50).

Corophium maeoticum n. sp. **Sovinskij**, V. Kiev. Zap. Obšč. Jest., **18**, 1904, (I–XIII, 1–487, mit 4 Taf. und Beilagen 1–216, I–II).

Dexamine serraticrus n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (265, pl. IV, fig. 24).

Elasmopus nn. spp. Ceylon. **Walker**, A. O. *l.c.* (275–277, pl. V–VIII, fig. 34).

Elsia indica. **Walker**, A. O. *l.c.* (237, pl, I, fig. 2).

Erichthenius macrodactylus. **Walker**, A. O. *l.c.* (292, pl. VII, fig. 48).

Eusirogenes n. gen. *Eusiridae*, *E. dolichocarpus* n. sp. Bay of Biscay, 1000-2000 fms. **Stebbing**, T. R. R. London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, 1904, (15, pl. IIA).

Eusiroides caesaris var., *E. orchomenipes* n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (264, pl. IV, figs. 22, 23).

Euthemisto compressa at Redcar. **Norman**, A. M. Naturalist, London, **1904**, (159).

Gallea n. gen. *Amphilochidae*, *G. tecticauda* n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (256, pls. III, VIII).

Gammaropsis tenuicornis n. sp. Puget Sound. **Holmes**, S. J. Alaska. Harriman Expedition, New York, **10**, 1904, (239); *G. zeylanicus* n. sp. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (282, pl. VI, fig. 41).

Gammarus locusta, die ersten Embryonalstadien. **Heidecke**, P. Jenaische Zs. Natw, **38**, 1904, (505–552, mit 4

Taf.); *G. olrianus* n. sp. **Sovinskij**, V. K. Kiev., Zap. Obšč. Jest., **18**, 1904, (399); *G. pulex*, anatomy, habits, development. **Cussans**, M. Liverpool, Proc. Trans. Biol. Soc., **18**, 1904, (327–373, pls. I–IV, 6 text-figs.); *G. zschokkei* n. sp. **Vejdovský**, F. Centralbl. Bakt., Jena, Abt. 2, **11**, 1904, (481–496, mit 1 Taf.).

Guernea laevis. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (267, pl. IV, fig. 26).

Gulbarentsia n. gen., *G. koeki* n. sp. Arctic seas. **Stebbing**, T. R. R. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (2).

Hippomedon squamosus n. sp. Arctic seas. **Stebbing**, T. R. R. *l.c.* (4, pl. 1).

Hornellia n. gen., *Gammaridae* or *Melphidippidae*, *H. incerta* n. sp. Ceylon. **Walker**, A. C. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (268–269, pl. IV, fig. 27).

Hyale nilssoni var. (name *kuriensis* suggested if species distinct). **Walker**, A. O. *l.c.* (238).

Hyperia bengalensis, dimorphism of ♂. **Walker**, A. O. *l.c.* (235–236); *H. luzoni*. **Stebbing**, T. R. R. London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, 1904, (33).

Hyperioides, notes on species. **Stebbing**, T. R. R. *l.c.* (34).

Ichnopus taurus. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (238, pl. I, fig. 3).

Jassa falcata. **Walker**, A. O. *l.c.* (292, pl. VII, fig. 47).

Lanceola, notes and key to species. **Stebbing**, T. R. R. London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, 1904, (28).

Lembos nn. spp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (279–280, pl. VI, figs. 39, 40).

Leucothoë nn. spp. **Walker**, A. O. *l.c.* (258–259, pl. III, figs. 17, 17A).

Lysianax cinghalensis; *L. coelochir* n. sp. Ceylon. **Walker**, A. O. *l.c.* (242–243, pl. I, figs. 6, 7).

Maera othonoides n. sp. Ceylon, notes and figs. of other species. **Walker**, A. O. *l.c.* (271–273, pl. V).

Melita anisochir. **Walker**, A. O. *l.c.* (270, pl. IV, fig. 28).

Metaprotella excentrica. **Mayer**, P. *l.c.* 16, 1904, (221).

Mimonectes, Biologie. **Woltereck**, R. Zool. Anz., Leipzig, **27**, 1904, (621–627).

Monoculodes hanseni n. sp. Arctic seas. **Stebbing**, T. R. R. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (22, pl. 4).

Monoliropus falcimanus n. sp. Ceylon. **Mayer**, P. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 16, 1904, (225, text-figs. 1–9).

Neoniphargus fultoni Sayce. **Sayce**, O. A. Vict. Nat., Melbourne, **20**, 1904, (151).

Niphargus, notes sur le genre. **Grochowski**, M. (Polish) Kosmos, Lwów, **29**, 1904, (31–50, 81–103, 266–301); *N. kochianus*, Lough Mask, *N. subterraneus*, Kent. **Kane**, W. F. de V. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (274, 280, pl. VIII).

Pallasiella quadrispinosa, biologische Eigentümlichkeit. **Samter**, M. und **Weltner**, W. Zool. Anz., Leipzig, **27**, 1904, (683).

Parahyperia referred to *Hyperioides*. **Stebbing**, T. R. R. London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, 1904, (34).

Parascelus parvus. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (236, pl. I, fig. 1).

Parascina n. gen. *Scinidae*, *P. fowleri* n. sp. Bay of Biscay to 2,000 fms. **Stebbing**, T. R. R. London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, 1904, (20 21, pl. II B).

Parathemisto oblivia. **Stebbing**, T. R. R. *l.c.* (36).

Paratylus granulosus n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (265).

Parelasmopus suluensis. **Walker**, A. O. *l.c.* (278, pl. VI, fig. 38).

Paronesimus n. gen., *P. barentsi* n. sp. Arctic seas. **Stebbing**, T. T. R. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (14, pl. II).

Perioculodes serra n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (262, pl. IV, fig. 20).

Photis nn. spp. Ceylon. **Walker**, A. O. *l.c.* (286, 287, pl. VII).

Phronima, Biologie. **Woltereck**, R. Zool. Anz., Leipzig, **27**, 1904, (553–563, 621–627).

Platophium nn. spp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (296–297, pl. VIII).

Platyischnopus herdmani n. sp. Ceylon. **Walker**, A. O. *l.c.* (247, pl. II, fig. 10).

Pontogammarus n. n. subgen. **Sovinskij**, V, Kiev. Zap. Obšč. Jest., **18**, 1904, (394).

Pontoporeia affinis, biologische Eigentümlichkeit. **Samter**, M. und **Weltner**, W. Zool. Anz., Leipzig, **27**, 1904, (686).

Primno macropa. **Stebbing**, T. R. R. London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, pt. 2, 1904, (38, text-figs. 1, 2).

Scina, notes and key to species, *S. lepisma*. **Stebbing**, T. R. R. *l.c.* (22, 27, pl. III B).

Siphonoecetes orientalis n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish, London, **2**, Supp. Rep. 17, 1904, (294, pl. VII, fig. 49).

Socarnella n. gen. *Lysianassidae*, *S. bonnieri* n. sp. Ceylon. **Walker**, A. O. *l.c.* (239, pl. I, fig. 4).

Sphaeromimonectes n. gen., *S. valdiviae* n. sp. **Woltereck**, R. Zool. Anz., Leipzig, **27**, 1904, (621–627); *S. gaussi* n. sp. Deutschen Südpolar-expedition. **Woltereck**, R. *l.c.* (627–629).

Stenothoe alaskensis n. sp. **Holmes**, S. J. *In*: Alaska (Harriman Expedition). New York, **10**, 1904, (236); *S. marina* var. *sinhalensis* n. var., *S. gallensis* n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (261).

Streetsia washingtoni n. sp. **Senna**, A. Firenze, Boll. Soc. entom., **34**, (1902), trimestre 1°–2°, 1902, (10-32, con 1 tav.).

Thaumatops, Biologie. **Woltereck**, [R.]. Zool. Anz., Leipzig, **27**, 1904, (553–563).

Tiron thompsoni n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (263, pl. IV, fig. 21).

Tritacta antarctica. **Walker**, A. O. *l.c.* (266, pl. IV, fig. 25).

Tryphosa cucullata n. sp. Ceylon. **Walker**, A. O. *l.c.* (244, pl. IV, fig. 8); *T. nugax* n. sp. Alaska. **Holmes**, S. J. *In*: Alaska, (Harriman Expedition). New York, **10**, 1904, (234).

Urothoe spinidigitus n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish., London, **2**, Supp. Rep. 17, 1904, (245, pl. I, fig. 9).

Vibilia, notes on species. **Stebbing**, T. R. R. London, Trans. Linn. Soc. Zool., (Ser. 2), **10**, 1904, (31).

Vijaya n. gen. *Lysianassidae*, *V. tenuipes* n. sp. Ceylon. **Walker**, A. O. Rep. Ceylon Pearl Fish, London, **2**, Supp. Rep. 17, 1904, (241, pl. I, fig. 5).

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General.

Budde-Lund, G. A Revision of Crustacea Isopoda terrestria with additions and illustrations. Part 2. Kjöbenhavn (H. Hagerup), 1904, (33–144, with 5 pls.). 25½ × 17. Price 14 Kroner.

Holmes, S. J. Remarks on the sexes of Sphaeromids. San Francisco, Proc. Cal. Acad. Sci., Zool., (Ser. 3), **3**, 1904, (1 l + 295-306, with pl.).

Norman, A. M. Notes on British species of *Cirolanidae*, *Arcturidae*, *Idoteidae*. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (437, 440–444).

——— and **Brady**, G. S. British land Isopoda. Second Supplement. *l.c.* (449–450).

Patterson, R. Amphipoda and Isopoda (from Sligo). Irish Nat., Dublin, **13**, 1904, (202).

Richardson, H. Contributions to the natural history of the Isopoda. [With bibliography.] Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (1–89, 657–681, with text fig.). Separate. 24.5 cm. [Thesis . . . Ph.D. . . . Columbian university, 1903. Reprint, with prefatory matter including bibliography.] Washington, D.C., 1904, (IX + 113, with text fig.). 25 cm.

——— A reply to certain criticisms of Professor Giard respecting

the Bopyrids. [With bibliography.] Science, New York, N.Y., (N. Ser.), **20**, 1904, (51–53).

Richardson, H. Isopod Crustaceans of the north-west coast of North America. [With bibliography.] [*In*: Alaska, (Harriman Expedition) edited by C. Hart Merriam. Vol. 10.] New York, 1904, ([211]–230, with text fig.). Separate. 26.7 cm.

Scharff, R. F. Isopoda. *In*: Nelson Annandale, Contributions to the Terrestrial Zoology of the Faroes. Edinburgh, Proc. R. Physic. Soc., **15**, 1904, (154, 155).

Welch, R. Rare woodlice from Co. Dublin and Co. Down. Irish Nat., Dublin, **13**, 1904, (260–261).

SPECIAL.

Adinda n. gen. **Budde-Lund**, G. Crustacea Isopoda terrestria, Kjöbenhavn, Part 2, 1904, (33–144).

Aega megalops n. sp. off coast of Portugal. **Norman**, A. M. and **Stebbing**, T. R. R. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (434, pl. XIII, figs. 1–7); *A. quadratasinus* n. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (657–681, with text-fig.); *A. ventrosa*, *A. deshayesiana*. **Norman**, A. M. *l.c.* (432, 434, pls. XII, XIII).

Alcirona key to species, *A. maldivensis* n. sp. Maldive Islds. **Stebbing**, T. R. R. Fauna Mald. Laccad. Arch., London, **2**, pt. 3, 1904, (708, LI B.).

Arcturus nn. spp. from coast of N. S. Wales. **Whitelegge**, T. Sydney, N.S.W. Mem. Austr. Mus., **4**, 1904, (405–416, 16 text figs.); *A. hirsutus* n. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (41); *A. scabrosus* n. sp. Faroe Channel. **Norman**, A. M. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (445).

Arhina n. gen., *A. porcellioides* n. sp. **Budde-Lund**, G. Crustacea Isopoda terrestria, Kjöbenhavn, Part 2, 1904, (33–144).

Armadillo nn. spp. **Budde-Lund**, G. *l.c.* (33–144).

Astacilla bocagei n. sp. **Nobre**, A. Porto, Ann. Sci. Nat., **8**, 1904, (93–94, pl. I).

Bopyrina nn. spp. **Richardson**, H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (71–74).

Caecosphaeroma bericum delle grotte dei colli berici nel Vicentino. **Fabiana**, R. Firenze, Boll. Soc. entom., **33**, (1901), trimestre 3°–4°, 1902, (169–176, con 1 tav.).

Calathura, key to species, *C. borradailei* n. sp. Maldive Islds. **Stebbing**, T. R. R. Fauna Mald. Laccad. Arch., London, **2**, pt. 3, 1904, (700, pl. XLIX A).

Cirolana japonensis n. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (35); *C. latistylis*, *C. sulcaticauda* n. sp. Maldives. **Stebbing**, T. R. R. Fauna Mald. Laccad. Arch., London, **2**, pt. 3, 1904, (701–702, pl. XLIX B).

Corallana hirsuta. **Stebbing**, T. R. R. *l.c.* (704, pl. L B.).

Corallanidae, notes on genera. **Stebbing**, T. R. R. *l.c.* (703).

Cymodoce bicarinata n. sp. Maldive Islds. **Stebbing**, T. R. R. *l.c.* (712, pl. LII B).

Cymodocea acuta n. sp.. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (38).

Cymothoa borbonica. **Stebbing**, T. R. R. Fauna Mald. Laccad. Arch., London, **2**, pt. 3, 1904, (709).

Diplophryxus n. gen., *D. jordani* n. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (50).

Dynamene sculpta n. sp. **Holmes**, S. J. San Francisco, Proc. Cal. Acad. Sci., Zool., (Ser. 3), **3**, 1904, (300).

Entophilus n. gen., *E. omniteetus* n. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (657–681).

Excorallana n. gen. (= *Corallana* Hansen and Richardson, non Dana). **Stebbing**, T. R. R. Fauna Mald. Laccad. Arch., London, **2**, pt. 3, 1904, (704).

Excorallanidae n. fam. for *Excorallana*. **Stebbing**, T. R. R. *l.c.* (704).

Gnathia maxillaris, metamorphosis and life-history. **Smith**, G. Mitt. zool. Stat. Neapel, Berlin, **16**, 1904, (469–479, mit 1 Taf.).

Holognathus n. gen. *Holognathidae* n. fam., *H. stewarti* (Filhol). **Thompson**, G. M. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (67, pl. I).

Indusa carinata n. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (52).

Ione thompsoni n. sp. **Richardson**, H. *l.c.* (75).

Janiropsis nn. spp. Alaska and California. **Richardson**, H. *In*: Alaska (Harriman Expedition). New York, **10**, 1904, (221-223); *J.* nn. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (657–681, with text-fig.).

Lanocira nn. spp. Maldive Islds. **Stebbing**, T. R. R. Fauna Mald. Laccad. Arch., London, **2**, pt. 3, 1904, (706–707, pls. LIA, LIA).

Liqidium coecum n. sp. Krim. **Carl**, J. Zool. Anz., Leipzig, **28**, 1904, (327).

Limnoria, key to species, *L. pfefferi* n. sp. **Stebbing**, T. R. A. Fauna Mald. Laccad. Arch., London, **2**, pt. 3, 1904, (714, pl. LIIA).

Livoneca propinqua n. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (37).

Meinertia gilberti n. sp. **Richardson**, H. *l.c.* (53).

Munidion parva n. sp. **Richardson**, H. *l.c.* (76–81).

Niambia n. gen. **Budde-Lunde**, G. Crustacea Isopoda terrestria, Kjöbenhavn, Part 2, 1904, (33–144).

Parapenaeon n. gen., *P. consolidata* n. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (43).

Pentias n. gen., *P. hayi* n. sp. **Richardson**, H. *l.c.* (47).

Phreatoicus australis Chitton. **Sayce**, O. A. Vict. Nat., Melbourne, **20**, 1904, (151).

Probopyrus nn. spp. **Richardson**, H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (68–70).

Pseudione n. sp. **Richardson**, H. *l.c.* (79–85).

Pseudophiloscia n. gen., *P. inflexa*, *P. fragilis* nn. spp. **Budde-Lund**, G. Crustacea Isopoda terrestria, Kjöbenhavn, Part 2, 1904, (33–144).

Rocinela nn. spp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (33); *R. hawaiiensis* n. sp. **Richardson**, H. *l.c.* (657–681, with text fig.).

Saidjahus n. gen. **Budde-Lund**, G. Crustacea Isopoda terrestria, Kjöbenhavn, Part 2, 1904, (33–144).

Sphaeroma (*Exasphaeroma*?) *globicauda*. **Stebbing**, T. R. R. Fauna Mald. Laccad. Arch., London, **2**, pt. III, (711); *S. pentodon* n. sp. California. **Richardson**, H. Alaska (Harriman Expedition), New York, **10**, 1904, (214); Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (657-681, with text-fig.); *S. retrolaevis*. n. sp. **Richardson**, H. *l.c.* (47).

Spherillo nn. spp. **Budde-Lund**, G. Crustacea Isopoda terrestria. Kjöbenhavn, Part 2, 1904, (33–144).

Stegias n. gen., *S. clibanarii* n. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (59).

Suarezia n. gen. **Budde-Lund**, G. Crustacea Isopoda terrestria, Kjöbenhavn, Part 2, 1904, (33–144).

Sunniva n. gen., *S. mystica* n. sp. **Budde-Lund**, G. *l.c.* (33–144).

Symmius n. gen., *S. caudatus* n. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (39–40).

Synidotea ritteri n. sp. California. **Richardson**, H. Alaska, (Harriman Expedition), New York, **10**, 1904, (219); Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (657–681, with text-fig.).

Trichoniscus papillicornis n. sp. Alaska. **Richardson**, H. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (657–681, with text-fig.); Alaska (Harriman Expedition). New York, **10**, 1904, (227).

Tylokepon n. gen. (*Bopyridae*), *T. bonnieri* n. sp. (on *Tylocarcinus styx*). Maldive Islds. **Stebbing**, T. R. R. Fauna Mald. Laccad. Arch., London, **2**, pt. 3, 1904, (716, pl. LIII).

Urobopyrus n. gen., *U. processae* n. sp. **Richardson**, H. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (86–87).

Zonophryxus n. gen., *Z. retrodens* n. sp. **Richardson**, H. *l.c.* (657–681, with text-fig.).

THORACOSTRACA.

DECAPODA.

General.

Alcock, A. Description of and reflections upon a new species of apodous Amphibian from India. (Distribution compared with that of *Paguridae*.) Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (267–273, pl. VII).

Doflein, F. Brachiura. (Wissensch. Ergebnisse d. D. Tiefsee-Expedition, Bd 6.) Jena (G. Fischer). 1904, (314, mit 58 Taf.).

L[önnberg], E. On the cray-fishes and their exuviation. (Swedish) Sv. Fisk. Tidskr., Stockholm, **11**, 1902, (163–166).

Martin, G. C. Malacostraca. [Indeterminate genus of *Cancroidea*.] Maryland Geol. Surv., Miocene, Baltimore, 1904, (94).

Nobili, G. Decapodi . . . eritrei del Museo zoologico della Università di Napoli. Napoli, Annuario Museo zool., (N. Ser.), **1**, No. 3, 1901, (1–20).

Rankin, W. Decapoda [from Sligo]. Irish Nat., Dublin, **13**, 1904, (202).

Rathbun, M. J. Decapod Crustaceans of the north-west coast of North America. [*In*: Alaska, (Harriman Expedition) edited by C. Hart Merriam. Vol. 10.] New York, 1904, ([1]–210, with text fig. and pl.).

Terasaki, T. . . . Brachyurous decapoda of Japan. (Japanese) Dōbuts, Z., Tōkyō, **16**, 1904, (16–24, 67–69).

Special.

Albunea elioti n. sp. **Benedict**, J. E. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (621–625, with text-fig.).

Amphionides n. gen., *A. valdiviae* n. sp. **Zimmer**, C. Zool Ann., Leipzig, **28**, 1904, (225–228).

Astacus fluviatilis, rudimentary gill. **Lankester**, E. R. Nature, London, **69**, 1904, (270); *A. fluviatilis* Fabr., existence of an anterior rudimentary gill. **Moseley**, M. Q. J. Microsc. Sci., London, **48**, 1904, (359–366, pls. XXIII, XXIV); *A. gammarus* (*Homarus vulgaris*), hatching. **Herdman**, W. A. *l.c.* **70**, 1904, (296); *A. (Homarus) gammarus*, abnormal chelae. **Scherren**, H. London, Proc. Zool. Soc., **1903**, 2, (195).

Atlantotlos n. gen., *A. rhombifer* n. sp. **Doflein**, F. Brachiura Tiefsee-Expedition, Bd **6**, 1904, (49–50).

Atyaëphyra desmarestii, variation. **Brožek**, A. Prag, SitzBer. Böhm. Ges. Wiss., **1904**, No. 11, (67); rés. (68–71, 1 Taf.).

Betaeus harrimani n. sp. Alaska. **Rathbun**, M. J. *In*: Alaska (Harriman Expedition). New York, **10**, 1904, (108).

Birulia n. gen., *B. sachalinensis* n. sp. **Brašnikov**, D. St. Peterburg, Ann. Mus. zool. Ac. Sc., **8**, 1903, (xliv–xlvi).

Callianassa (*Callichirus*) *longiventris?* **Borradaile**, L. A. Fauna Mald. Laccad. Arch., **2**, pt. 3, 1904, (752, pl. LVIII, fig. 2); *C.* (*Trypaea*) *maldivensis* n. sp. Maldive Islds. **Borradaile**, L. A. *l.c.* (753, pl. LVIII, fig. 3).

Cambarus, environmental effects. **Harris**, J. A. Lawrence, Kan. Univ. Sci. Bull., **2**, 1903, (51–187, with pl.); *C.*, regeneration. **Steele**, M. I. Dissertation . . . M. A. . . . University of Missouri, Missouri. *In*: Columbia, Univ. Mo. Stud., **2**, No. 4, 1904, ([viii] + 47, with pl.); *C. affinis*, breeding habits. **Andrews**, E. A. Amer. Nat., Boston, Mass., **38**, 1904, (165–206, with text fig.); *C. bartoni*, teratological variation. **Andrews**, E. A. Wood's Hall, Mass., Mar. Biol. Lab. Bull., **6**, 1904, (75–83, with text fig.); *C. viridis*, appendages. **Moenkhaus**, W. J. Bloomington, Cont. Zool. Lab. Indiana Univ., No. **53** *in* Indianapolis, Ind. Proc. Acad. Sci., **1902**, 1903, (111–112, with text fig.).

Cancer pagurus, abnormal chelae. **Scherren**, H. London, Proc. Zool. Soc., **1903**, 2, (195); *C. pagurus*, breeding

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2803-2831

TRILOBITA. XIPHOSURA. EURYPTERIDA. PANTOPODA. TARDIGRADA. LINGUATULIDA.

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Bohemilla† sp. **Reed**, F. R. C. London, Monogr. Palaeont. Soc., **58**, 1904, (53, pl. VIII, fig. 4).

Bronteopsis ardmillanensis† n. sp. Silurian, Ayrshire. **Reed**, F. R. C. *l.c.* (92, pl. XIII, figs. 1–4); *B. scotica*†. **Reed**, F. R. C. *l.c.* (94, pl. XIII, figs. 5–13).

Bronteus† nn. spp. Silurian, Ayrshire. **Reed**, F. R. C. *l.c.* (89–90, pl. XII, figs. 12–14); *B. andersoni*†, and *B.* sp. ind. **Reed**, F. R. C. *l.c.* (87, 91, pl. XII).

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Dalmanites aspinosa† n. sp. New Jersey. Silurian. **Weller**, S. *l.c.* (252, pl. XXII).

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Metadoxides bornemanni† Menegh. Portugal. **Delgado**, J. F. N. Lisboa, Com. Trab. Geol., **5**, 1904, (345).

Microdiscus†, description of genus; nn. spp. Portugal. **Delgado**, J. F. N. *l.c.* (348–354).

Nileus armadillo Dalm.† **Wiman**, C. Stockholm, Geol. För. Förh., **26**, 1904, (87–90, with pl.).

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Olenopsis† sp. Portugal. **Delgado**, J. F. N. *l.c.* (325).

Paradoxides†, description of genus; nn. spp. Portugal. **Delgado**, J. F. N. *l.c.* (318–324).

Phacops†, notes and figs. of species. **Reed**, F. R. C. Geol. Mag., London, (Ser. 5), **1**, 1904, (383–386, pl. XII); *P. robertsi*†, n. sp. (?) Silurian, Haverfordwest. **Reed**, F. R. C. *l.c.* (106, pl. V).

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Ammothella nn. spp. California. **Cole**, L. J. Alaska (Harriman Expedition), New York, **10**, 1904, (273–275).

Anoplodactylus erectus n. sp. California. **Cole**, L. J. *l.c.* (289); *A. insignis*: *bermudensis* n. subsp. Bermuda. **Cole**, L. J. Boston, Mass., Proc. Soc. Nat. Hist., **31**, 1904, ([315]-328 + 31, with pl.).

Clotenia occidentalis n. sp. California. **Cole**, L. J. Alaska (Harriman Expedition), New York, **10**, 1904, (281).

Halosoma n. gen., *H. viridintestinalis* n. sp. California. **Cole**, L. J. *l.c.* (286).

Lecythorhynchus marginatus n. sp. California. **Cole**, L. J. *l.c.* (260).

Nymphon longicaudatum n. sp. Ceylon. **Carpenter**, G. H. Rep. Ceylon Pearl Fish., **2**, 1904, Supp. Rep. 13, (183, figs. 8–14).

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GENERAL.

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Echiniscus nn. spp. **Richters**, F. *l.c.* (493–508); *E.* nn. spp. Island. **Richters**, F. Zool. Anz., Leipzig, **28**, 1904, (373–377); *E. conifer* n. sp. **Richters**, F. Frankfurt a. M., Ber. Senckenb. Ges., **1904**, (73–74, mit 1 Taf.); *E. kerguelensis* n. sp. **Richters**, F. Verh. D. zool. Ges., Leipzig, **14**, 1904, (236–239); *E. spiniger* n. sp. Skandinavien. **Richters**, F. Zool. Anz., Leipzig, **28**, 1904, (347–352).

Macrobiotus nn. spp. **Richters**, F. *In*: Fauna Arctica, Jena, **3**, 1904, (493–508); *M.* nn. spp. **Richters**, F. Verh. D. zool. Ges., Leipzig, **14**, 1904, (236–239); *M. islandicus* n. sp. Island. **Richters**, F. Zool. Anz., Leipzig, **28**, 1904, (373–377); *M. macronyx*. **Richters**, F. Prometheus, Berlin, **16**, 1904, (198–200).

LIST OF NEW GENERA AND SPECIES.

AGNOSTUS [Trilobita].
——— *koerferi*†. Monke. 24.

AMMOTHEA [Pantopoda].
——— *alaskensis*. Cole. 7.
——— *brevicauda*. Loman. 19.
——— *gracilipes*. Cole. 7.
——— *latifrons*. Cole. 7.
——— *pribilofensis*. Cole. 7.

AMMOTHELLA [Pantopoda].
——— *spinifera*. Cole. 7.
——— *tuberculata*. Cole. 7.

ANOMOCARE [Trilobita].
——— *parvula*†. Weller. 39.

ANOPLODACTYLUS [Pantopoda].
——— *erectus*. Cole. 7.
——— *insignis*: *bermudensis* n. subsp. Cole. 6.

ARGES [Trilobita].
——— *tuberculatus*†. Weller. 39.

BRONTEOPSIS [Trilobita].
——— *ardmillanensis*†. Reed. 29.

BRONTEUS [Trilobita].
——— *craigensis*†. Reed. 29.
——— *grayi*†. Reed. 29.

BUMASTUS [Trilobita].
——— *elongatus*†. Weller. 29.
——— *transversalis*†. Weller. 29.

CLOTENIA [Pantopoda].
——— *occidentalis*. Cole. 7.

CYPHASPIS [Trilobita].
——— *trentonensis*†. Weller. 39.

DALMANITES [Trilobita].
——— *aspinosa*†. Weller. 39.

DIKELOCEPHALUS [Trilobita].
——— *florentinensis*†. Etheridge. 9.
——— *newtonensis*†. Weller. 39.

DIPHASCON [Tardigrada].
——— *spitsbergense*. Richters. 36.

DREPANURA [Trilobita].
——— *ketteleri*†. Monke. 24.

ECHINISCUS [Tardigrada].
——— *blumi*. Richters. 36.
——— *conifer*. Richters. 35.
——— *crassus*. Richters. 32.
——— *islandicus*. Richters. 32.
——— *kerguelensis*. Richters. 33.
——— *merokensis*. Richters. 36.
——— *oihonnae*. Richters. 36.
——— *spiniger*. Richters. 31.
——— *wendti*. Richters. 36.

ENCRINURUS [Trilobita].
——— *indianensis*†. Kindle and Breger. 15.

Halosoma n. gen. [Pantopoda]. Cole. 7.
——— *viridintestinalis*. Cole. 7.

Hicksia† n. gen. [Trilobita]. Delgado. 8.
——— *barroisi*†. Delgado. 8.
——— *castroi*†. Delgado. 8.
——— *devalquei*†. Delgado. 8.
——— *elvensis*†. Delgado. 8.
——— *hughesi*†. Delgado. 8.
——— *minuta*†. Delgado. 8.
——— *sphaerica*†. Delgado. 8.
——— *transtaganensis*†. Delgado. 8.
——— *walcotti*†. Delgado. 8.

ILLAENURUS [Trilobita].
——— *columbiana*.† Weller. 39.

ILLAENUS [Trilobita].
——— *balclatchiensis*†. Reed. 29.
——— *extensus*†. Reed. 29.
——— *shallochensis*. Reed. 29.

LECYTHORHYNCHUS [Pantopoda].
——— *marginatus*. Cole. 7.

Linostracina† n. gen. [Trilobita]. Monke. 24.
——— *krausei*†. Monke. 24.

MACROBIOTUS [Tardigrada].
——— *antarcticus*. Richters. 33.
——— *coronifer*. Richters. 36.
——— *crenulatus*. Richters. 36.
——— *echinogenitus*. Richters. 36.
——— *granulatus*. Richters. 36.
——— *islandicus*. Richters. 32.
——— *vanhöffeni*. Richters. 33.

MICRODISCUS [Trilobita].
——— *caudatus*†. Delgado. 8.
——— *souzai*†. Delgado. 8.
——— *subcaudatus*†. Delgado. 8.
——— *wenceslasi*†. Delgado. 8.
——— *woodwardi*†. Delgado. 8.

NYMPHON [Pantopoda].
——— *longicaudatum*. Carpenter. 4.

OLENELLUS [Trilobita].
——— *macphersoni*†. Delgado. 8.

PARADOXIDES [Trilobita].
——— *choffati*†. Delgado. 8.
——— *costae*†. Delgado. 8.

Pentanymphon n. gen. [Pantopoda]. Hodgson. 13.
——— *antarcticum*. Hodgson. 13.

PHACOPS [Trilobita].
——— *robertsi*†. Reed. 29.

PHOXICHILUS [Pantopoda].
——— *mollis*. Carpenter. 4.

Pipetta n. gen. [Pantopoda]. Loman. 18.
——— *weberi*. Loman. 18.

PRESTWICHIA [Xiphosura].
——— *signata*. Beecher. 2.

PROETUS [Trilobita].
——— *brevimarginatus*†. Weller. 39.
——— *depressus*†. Weller. 39.
——— *latimarginatus*†. Weller. 39.
——— *pseudolatifrons*†. Reed. 29.
— — — *spinosa*†. Weller. 39.

†PTYCHOPARIA [Trilobita].
— ——— *blairi*. Weller. 39.
— ——— *newtonensis*†. Weller. 39.

PTYCHOPYGE [Trilobita].
——— *jerseyensis*†. Weller. 39.

PYCNOGONUM [Pantopoda].
——— *microps*. Loman. 19.

Schmalenseeia† n. gen. [Trilobita]. Moberg. 23.
——— *amphionura*†. Moberg. 23.

Stephanocare† n. gen. [Trilobita]. Monke. 24.
——— *richthofeni*†. Monke. 24.

TANYSTYLUM [Pantopoda].
——— *intermedium*. Cole. 7.

Teinistion† n. gen. [Trilobita]. Monke. 24.
——— *lansi*†. Monke. 24.

3003-3031 ARACHNIDA.

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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gnosen neuer oder wenig bekannter *Galeodes* und *Paragaleodes* Arten. III. Bestimmungstabelle der mir bekannten Central- und Vorderasiatischen *Galeodes* Arten. IV. Zur Kenntnis der postembryonalen Entwicklung der äusseren Körperform bei *Galeodes araneoides* Pal. V. Diagnosen neuer oder wenig bekannter *Daesia*, *Gluviopsis* und *Rhagodes* Arten. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9**, 1904, (391–416). [3015 3027 *eh* 3031]. 13

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3027 GEOGRAPHICAL DISTRIBUTION.

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Clubiona deterrima n. sp. **Strand**, E. Kristiania, Forh. Vid. selsk., **1904**, 5, (10).

Corinnomma formiciforme n. sp. N. S. Wales. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (335, pl. XLVI, figs. 10–12).

Cornicularia nn. spp. Alaska. **Banks**, N. [Reprinted from Washington, D.C., Proc. Acad. Sci., **2**, 1900, (477–486)]. Alaska (Harriman Expedition), New York, **8**, 1904, (34–46, with pl.); *C. cuspidata* Bl. **Smith**, F. P. London, J. Quek. Microsc. Cl., (Ser. 2), **9**, 1904, (9, pl. I, fig. 3).

Coryphaeus glabriceps F. O. P. Cambridge = *Gongylidium distinctum* E. Simon. **Smith**, F. P. *l.c.* (111).

Ctenolophus n. gen. for *Acanthodon kolbei* Purc.; type and *A. cregoei* Purc.; *A. kentanicus* Purc.; *A. pectinipalpis* Purc. and *A. spiricola* Purc. **Purcell**, W. F. Cape Town, Trans. S. Afr. Phil. Soc., **15**, 1904, (117).

Ctenonemus n. gen., *C. pectiniger* n. sp. **Simon**, E. Paris, Bul. soc. ent., **1903**, (42-44).

Cybaeus minor n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (341).

Cyclosa, def. and key of the Centr.-Amer.† species, new notes and figures of species; *C. conigera* n. sp. Mexico. **Cambridge**, F. O. P. Biol. Centr. Amer., London, Arach. Aran., **2**, 1904, (491–497, pls. XLVI–XLVII); *C. fissicauda* O. P. Cambr. = *C. bifurca* McCook; *C. cervicula* McCook = *C. walckenaeri* O. P. Cambr. **Cambridge**, F. O. P. *l.c.* (495–496).

Cyrtarachne decemtuberculata O. P. Cambr. referred to the gen. *Glyptogona*. **Cambridge**, F. O. P. *l.c.* (523); *C. mexicana* and *C. dugesi* O. P. Cambridge = *Marxia stellata*. **Cambridge**, F. O. P. *l.c.* (481).

Damarchodes n. gen., *D. purcelli* n. sp. **Simon**, E. Paris, Bul. soc. ent., **1903**, (42–44).

Dendryphantes floridanus n. sp. Florida. **Banks**, N. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (138); *D. guttatus* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (358).

Diaea multimaculata n. sp. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (105, figs. 30 and 31).

Dictyna calcarata n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (342); *D. floridana* n. sp. Florida. **Banks**, N. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (125); *D. togata* n. sp. Chili, *D. fuegiana*, suppl. description. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (84–85); Rev. chilena, Valparaiso, **8**, 1904, (47).

Dictynina n. gen., *D. pallida* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (342).

Dictyolathys californica n. sp. California. **Banks**, N. *l.c.* (343).

Dicyphus cornutus Blackw. **Smith**, F. P. London, J. Quek. Microsc. Cl., (Ser. 2), **9**, 1904, (9, pl. I, fig. 2).

Diores nn. spp. Cape Colony. **Cambridge**, O. P. Cape Town, Ann. S. Afr. Mus., **3**, 1904, (147, pl. IX, figs. 5 and 6).

Diphya nn. spp. South Chile. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 1, 1902, (26–32).

Diplocephalus fuscipes. **Smith**, F. P. London, J. Quek. Microsc. Cl., (Ser. 2), **9**, 1904, (9, pl. I, fig. 4).

Diplogena n. gen., *D. capensis* n. sp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afr. Phil. Soc., **15**, 1904, (169-170).

Diplotychus n. gen., *D. longulus* n. sp. **Simon**, E. Paris, Bul. soc. ent., **1903**, (123–124).

Dipoena pictipes n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (345).

Dolomedes, intorno ai [loro] costumi. **Trani**, E. Boll. Naturalista, Siena, **22**, 1902, (21–23).

Drassinella n. gen., *D. modesta* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (335).

Drassodes californica n. sp. California. **Banks**, N. *l.c.* (338).

Dresserus nn. spp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afr. Phil. Soc., **15**, 1904, (139–140, pl. X, figs. 9 and 10).

Drymusa nn. spp. Cape Colony. **Purcell**, W. F. *l.c.* (152–153, pl. XI, figs. 24–26).

Ectatostica troglodytes Higg. and Pett. descr. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (327, pl. XLVI, figs. 1–4).

Edricus, definition, notes and figures of species. **Cambridge**, F. O. P. Biol. Centr.-Amer., London, Arach. Aran, **2**, 1904, (499–500, pls., XLVII–XLIX).

Emplesiogonus n. gen., *E. striatus* n. sp. **Simon**, E. Paris, Bul. soc. ent., **1903**, (123-124).

Enidia n. nom. for *Dicyphus* Menge preocc. **Smith**, F. P. London, J. Quek. Microsc. Cl., (Ser. 2), **9**, 1904, (115).

Enoplognatha nn. spp. Cape Colony. **Cambridge**, O. P. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (149–151, pl. X, figs. 1 and 2).

Entelecara acuminata Wid. **Smith**, F. P. London, J. Quek. Microsc. Cl., (Ser. 2), **9**, 1904, (9, pl. I, fig. 1).

Epeira bifurcata Keyserl. = *Cyclosa walckenaeri* O. P. Cambr., *E. cambridgei* Keyserl. = *E. illicita* O. P. Cambr., *E. nava* O. P. Cambr. = *E. scutigera* O. P. Cambr., *E. fecunda* O. P. Cambr. = *E. incerta* O. P. Cambr., *E. nigrohumeralis* O. P. Cambr. = *E. detrimentoza* O. P. Cambr., *E. destricta* O. P. Cambr. = *E. consequa* O. P. Cambr. **Cambridge**, F. O. P. Biol. Centr. Amer., London, Arach. Aran., **2**, 1904, (496–518); *E. floridensis* n. sp. Florida. **Banks**, N. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (129); *E. libera* n. sp. **Leardi-Airaghi**, Z. Milano, Atti Soc. ital. sc. nat., **40**, fasc. 4°, 1902, (345–373); *E. tricolor* n. sp. **Leardi-Airaghi**, Z. *l.c.* **41**, 1902, (20).

Epiblemum palpalis n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (360).

Episinus dusénii n. sp. South Chile. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 1, 1902, (14–16).

Erigone californica n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (347).

Erigonidium n. gen., type *Erigone graminicola* Sund. **Smith**, F. P. London, J. Quek. Microsc. Cl., (Ser. 2), **9**, 1904, (112).

Ero ligurica n. sp. ? **Kulczyński**, V. [W.]. Kraków, Bull. Intern. Acad., **1904**, (543); *E. nicoleti* n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (96–97); Rev. chilena, Valparaiso, **8**, 1904, (59–60).

Euryopis californica n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (345).

Eustala, def. and key of Centr. Amer. species, notes and figs. of species; nn. spp. **Cambridge**, F. O. P. Biol. Centr. Amer., London, Arach. Aran, **2**, 1904, (503-510, pl. XLVIII).

Evophrys laetata n. sp Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (114); Rev. chilena, Valparaiso, **8**, 1904, (77).

Falconeria n. gen., type *Neriene cornuta* Blackw. **Smith**, F. P. London, J. Quek. Microsc. Cl., (Ser. 2), **9**, 1904, (115).

Gasteracantha, definition and key to species, notes and figs. of species. **Cambridge**, F. O. P. Biol. Centr. Amer., London, Arach. Aran., **2**, 1904, (524–525, pl. LI).

Gayenna nn. spp. South Chile. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 1, 1902, (60–65); *G. californica* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (338); *G. trimaculata* n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1964, (102); Rev. chilena, Valparaiso, **8**, 1904, (65).

Geolycosa n. gen., *G texana*, *G. latifrons* nn. spp. Texas. **Montgomery**, T. H., *jun.* Austin, Cont. Zool. Lab., Univ. Tex. No. 57, *in* Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (292-293).

Glyptogona, note. **Cambridge**, F. O. P. Biol. Centr. Amer., London, Arach. Aran., **2**, 1904, (523).

Gnaphosa californica n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (335). *G. pseudolapponica* n. sp. **Strand**, E. Kristiania, Forh. Vid. selsk., **1904**, No. 5, (6).

Gnolus nn. spp. South Chile. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV., **28**, No. 1, 1902, (43–50).

Gonglydium alascensis n. sp. Alaska. **Banks**, N. [Reprinted from Washington, D.C., Proc. Acad. Sci., **2**, 1900, (477-486).] Alaska (Harriman Expedition), New York, **8**, 1904, (34–46, with pl.).

Harpactirella schwarzi n. sp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afric. Phil. Soc., **15**, 1904, (126).

Hemiclaea, ethology, etc. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (318).

Hentzia, new definition, *H. trivittata*. **Cambridge**, F. O. P. Biol. Centr. Amer., London, Arach. Aran., **2**, 1904, (523, pl. LI, figs. 12, 13).

Herpyllus angustus n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (337).

Heterodictyna (~ *Dictyna*) n. gen. **Dahl**, F. Berlin, SitzBer. Ges. natf. Freunde, **1904**, (118).

Heteropoda regia, captured at University College, London, exhibition. **Minchin**, E. A. London, Proc. Zool. Soc., **1904**, 2, (229).

Idiops pungwensis n. sp. Mozambique. **Purcell**, W. F. Cape Town, Trans. S. Afric. Phil. Soc., **15**, 1904, (116).

Iphoctesis n. gen., *I. echinipes* n. sp. **Simon**, E. Paris, Bul. soc. ent., **1903**, (123–124).

Isopoda striatipes n. sp. **Leardi-Airaghi**, Z. Milano, Atti Soc. ital. sc. nat., **40**, fasc. 4°, 1902, (345–373).

Kaira, def. and key to species, notes and figs. of species. **Cambridge**, F. O. P. Biol. Centr.-Amer., London, Arach. Aran., **2**, 1904, (522, pl. LI, figs. 9–11).

Lampona, ethology, etc. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (321).

Landana edwardsi n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (94–95); Rev. Chilena, Valparaiso, **8**, 1904, (56–57).

Lathrodectes tredecim-guttatus Rossi s. Kara-Kurt. (Russ.) **Rossikov**, K. V. Trd. B. entom. Učen. Kom. M. Zeml., St. Peterburg, **5**, No. 2, 1904, (1–232, mit 29 Fig., 4 Taf. u. 1 Karte).

Latrodectus nn. spp. Cape Colony. **Cambridge**, O. P. Cape Town, Ann. S. Afric. Mus,, **3**, 1904, (152–154, pl. X, figs. 4 ♂–3 ♀).

Lephthyphanthes nn. spp. **Kulczyński**, V. [W.] Kraków, Bull. Intern. Acad., **1904**, (533–540); *L. alascensis* n. sp. Alaska. **Banks**, N. [Reprinted from Washington, D.C., Proc. Acad. Sci., **2**, 1900, (477–486).] Alaska (Harriman Expedition), New York, **8**, 1904, (34–46, with pl.).

Leptoneta californica n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (333).

Linyphia aysenensis n. sp. South Chile. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 1, 1902, (18–19); *L. interpolis* n. sp. Cape Colony. **Cambridge**, O. P. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (161, pl. XII, fig. 3); *L. limatula* n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (93–94); Rev. chilena, Valparaiso, **8**, 1904, (55–56).

Liparotoma villosa n. sp. South Chile. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 1, 1902, (66–67).

Lophocarenum fasciatum n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (347).

Loxosceles spinulosa n. sp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afr. Phil. Soc., **15**, 1904, (140).

Lucrinus n. gen., *L. putus* n. sp. Cape Colony. **Cambridge**, O. P. Cape Town, Ann. S. Afr. Mus., **3**, 1904, (162, pl. XII, fig. 4).

Lycosa nn. spp. Florida. **Banks**, N. Philadelphia, Pa.. Proc. Acad. Nat. Sci., **56**, 1904, (134–135); *L.* nn. spp. Texas. **Montgomery**, T. H., *jun.* Austin. Cont. Zool. Lab., Univ. Tex. No. 57, *in* Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (261–320, with pl.); *L.* nn. spp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (112–113); Rev. chilena, Valparaiso, **8**, 1904, (75–77); *L. nidicola* = *L. helluo* Walck., *L. kochi* Emert. and Bank (non Keyserling) = *L. pulchra* Keyserl., *L. purcelli* Montgomery = *L. kochi* Keyserl.; *L. permunda* n. sp. Kansas. **Chamberlin**, R. V. Canad. Ent., Toronto, **36**, 1904, (286); *L. pacifica* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (354); *L. perkinsi* n. sp. Sandwich Islds. **Simon**, E. Fauna Hawaiiensis, Cambridge, **2**, 1904, (343).

Mahadiva reticulata O. P. Cambr. = *Verrucosa arenata*. **Cambridge**, F. O. P. Biol. Centr.-Amer., London, Arach. Aran., **2**, 1904, (482).

Mangora, def. and key to species, notes and figs. of species; nn. spp. **Cambridge**, F. O. P. *l.c.* (477–480, pl. XLV).

Marxia, def. *M. stellata*. **Cambridge**, F. O. P. *l.c.* (481, pl. XLV, figs. 21, 22).

Mecaphesa perkinsi n. sp. Sandwich Islds. **Simon**, E. Fauna Hawaiiensis, Cambridge, **2**, 1904, (342).

Megamyrmecion gayi n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (89); Rev. chilena, Valparaiso, **8**, 1904, (51–52).

Melanophera porteri n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (89–90); Rev. chilena, Valparaiso, **8**, 1904, (52).

Menneus dromedarius n. sp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afr. Phil. Soc., **15**, 1904, (127).

Meta nn. spp. South Chile. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 1, 1902, (19–24).

Metacyrba similis n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci', (Ser. 3), **3**, 1904, (360).

Metazygia n. gen., type *Epeira wittfeldae* McCook, def. and key to species. **Cambridge**, F. O. P. Biol. Centr.-Amer., London, Arach. Aran., **2**, 1904, (501, pl. XLVII).

Mevianes n. gen., *M. delfini*, *M. wilsoni* nn. spp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (110–112); Rev. chilena, Valparaiso, **8**, 1904, (74–75).

Miagrammopes constrictus n. sp. Natal. **Purcell**, W. F. Cape Town, Trans. S. Afr. Phil. Soc., **15**, 1904, (130).

Micaria norvegica n. sp. **Strand**, E. Kristiania, Forh. Vid. selsk., **1904**, 5, (16).

Micrathena, def. and key to species, notes and figs. of species; nn. spp. **Cambridge**, F. O. P. Biol. Centr. Amer., London, Arach. Aran., **2**, 1904, (525–539, pl. L–LI).

Midamus ceylonicus n. sp. **Leardi Airaghi**, Z. Milano, Atti Soc. ital. sc. nat., **40**, fasc. 4°, 1902, (345–373).

Migas paradoxus L. Koch, from Wanganui, New Zealand, note. **Hogg**, H. R. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (68, with text-fig.).

Mimetus maculosus n. sp. N. S. Wales. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (330, pl. XLVII, figs. 5 and 6, text-figs. 40–42).

Mnesitheus asper. **Tullgren**, A. Entomol. Tidskr., Stockholm, **23**, 1902, (289–294).

Moero n. gen., *M. quadrimaculata* n. sp. Cape Colony. **Cambridge**, O. P. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (156–157, pl. XI, fig. 6).

Moggridgea nigra n. sp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afric. Phil. Soc., **15**, 1904, (115).

Mynthes dentifer n. sp. South Chile. **Tullgren**, A. Stockholm, Wet.-Ak. Bih., Afd. IV, **28**, No. 1, 1902, (69–71).

Myro multidentata n. sp. South Chile. **Tullgren**, A. *l.c.* (72–73).

Neoscona, def. and key to species, notes and figs. of species; nn. spp. **Cambridge**, F. O. P. Biol. Centr.-Amer., London, Arach. Aran., **2**, 1904, (466–473, pls. XLIV).

Neosconella n. gen., def. key, *N. styligera*, *N. guttata*, nn. spp. **Cambridge**, F. O. P. *l.c.* (474–477, pl. XLV).

Olbus sparassoides, description. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (99); Rev, chilena, Valparaiso, **8**, 1904, (60–62).

Orsolobus chelifer n. sp. **Tullgren**, A. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 1, 1902, (10–11).

Pacificana n. gen., *P. cockayni* n. sp. Bounty Isld. **Hogg**, H. R. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (65, 66).

Paphlagon beatus Cambr. = *Pronous tuberculifer* Keyserl. **Cambridge**, F. O. P. Biol. Centr.-Amer., London, Arach. Aran., **2**, 1904, (541).

Parastrophus n. gen., *P. echinosoma* n. sp. **Simon**, E. Paris, Bul. soc. ent., **1903**, (123–124).

Parawixia n. gen., type *Epeira destricta* Cambr. def., key to species, *P. hamata*, *P. tredecimnotata* nn. spp. **Cambridge**, F. O. P. Biol. Centr. Amer., London, Arach. Aran., **2**, 1904, (487–490, pl. XLVI).

Pardosa nn. spp. Texas. **Montgomery**, T. H., *jun.* Austin, Cont. Zool. Lab., Univ. Tex., No. **57**, *in* Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (263–270); *P. atromedia* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (355); *P. floridana* n. sp. Florida. **Banks**, N. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (136).

Pellenes nn. spp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (359).

Pelmatorycter pallidipes n. sp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afric. Phil. Soc., **15**, 1904, (120).

Philisca (*Cluilius*) *accentifera* n. sp., Chili; *P.* (*C.*) *chilensis*, description. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (100–102); Rev. chilena, Valparaiso, **8**, 1904, (64).

Philodromus floridensis n. sp. Florida. **Banks**, N. Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (133); *P. moestus* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (353).

Physoglenes n. gen., *P. vivesi* n. sp. Chili. **Simon**, E. Bruxelles, Ann. soc. ent., Belgique, **48**, 1904, (87-88); Rev. chilena, Valparaiso, **8**, 1904, (49-50).

Pionaces n. gen., *P. major* n. sp. Chili. **Simon**, E. Bruxelles, Ann. soc. ent. Belgique, **48**, 1904, (107-108); Rev. chilena, Valparaiso, **8**, 1904, (70-72).

Pirata aspirans n. sp. N. America. **Chamberlin**, R. V. Canad. Ent., Toronto, **36**, 1904, (286); *P. californica* n. sp. California. **Banks**, N. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (356); *P. sedentarius* n. sp. Texas. **Montgomery**, T. H., *jun.* Austin, Cont. Zool. Lab., Univ. Tex. No. **57**, *in* Philadelphia, Pa., Proc. Acad. Nat. Sci., **56**, 1904, (312); *P. wacoumna* Scheffer. = *P. agilis*. **Chamberlin**, R. V. Canad. Ent., Toronto, **36**, 1904, (148).

Pocadicnemis pumilus Blackw. **Smith**, F. P. London, J. Quek. Microsc. Cl., (Ser. 2), **9**, 1904, (pl. I, fig. 5).

Poecilipta venusta n. sp. N. S. Wales. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (333, pl. 46, figs. 7-9).

Poltys salebrosus n. sp. **Rainbow**, W. J. *l.c.* (104, figs. 28, 29).

Polybetes delfini n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (99-100); Rev. chilena, Valparaiso, **8**, 1904, (62-63).

Porteria n. gen., *P. albopunctata* n. sp. Chili. **Simon**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (109-110); Rev. chilena, Valparaiso, **8**, 1904, (72-73).

Priperia n. gen., *P. bicolor* n. sp. Sandwich Islds. **Simon**, E. Fauna Hawaiiensis, Cambridge, **2**, 1904, (340).

Prodidomus nn. spp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afric. Phil. Soc., **15**, 1904, (170-192, pl. 11, figs. 39-42).

Pseudauximus pallidus n. sp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afric. Phil. Soc., **15**, 1904, (133, pl. X, fig. 4).

Romphaea longa n. sp. **Kulczyński**, V. [W.] Kraków, Bull. Intern. Acad., **1904**, (533).

Saitis nn. spp. **Kulczyński**, V. [W.] *l.c.* (545-546).

Schizocosa n. gen. type *Lycosa ocreata* Hentz, incl. also *L. venustata* Hentz and *L. humuli* Banks. **Chamberlin**, R. V. Canad. Ent., Toronto, **36**, 1904, (148).

Scoloderus key and notes and figs. of species. **Cambridge**, F. O. P. Biol. Centr.-Amer., London, Arach. Aran., **2**, 1904, (521, pl. LI).

Scytodes nn. spp. Cape Colony. **Purcell**, W. F. Cape Town, Trans. S. Afric. Phil. Soc., **15**, 1904, (141-148, pl. X, figs. 11-23).

Segestriella n. gen., *S. gryllotalpa* n. sp. Cape Colony. **Purcell**, W. F. *l.c.* (163).

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Phytoseius n. gen., *P. horridus*, *P. finitimus* nn. spp. **Ribaga**, C. Riv. patol. veg., Portici, **10**, 1901–1902, (175–178).

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Sebaia n. gen., *S. rosacea* n. sp. **Oudemans**, A. C. 's Gravenhage, Tijdschr. Ent., **47**, 1904, (122).

Seiulus nn. spp. **Ribaga**, C. Riv. patol. veg., Portici, **10**, 1901–1902, (175–178); *S. levis* n. sp. **Voigts**, H. und **Oudemans**, A. C. Zool. Anz., Leipzig, **27**, 1904, (651).

Sommatericola n. gen., *S. levinseni* n. sp. **Trägårdh**, I. *In*: Fauna Arctica, Jena, **4**, Lfg 1904, (1–78).

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Trombidium bipectinatum n. sp. Kamerun. **Trägårdh**, T. *l.c.* (158–160, with pl.); *T. striaticeps* et *T. poriceps*, deux nouvelles formes larvaires, parasites de l'homme. **Heim**, F. et **Oudemans**, A. Paris, C.-R. Acad. sci., **138**, 1904, (704–706).

Tyroglyphus lundbecki n. sp. **Trägårdh**, I. *In*: Fauna Arctica, Jena, **4**, Lfg 1, 1904, (1–78).

Uropoda alfkeni n. sp. **Oudemans**, A. C. 's Gravenhage Tijdschr. Ent., **47**, 1904, (120); *U. leviseta* n. sp. **Voigts**, H. und **Oudemans**, A. C. Zool. Anz., Leipzig, **27**, 1904, (655).

Varroa n. gen., *V. jacobsonii* n. sp. Java. **Oudemans**, A. C. Leiden, Notes Mus. Jentink, **24**, 1904, (216–222, with figs.).

Zercon lundbecki n. sp. **Trägårdh**, I. *In*: Fauna Arctica, Jena, **4**, Lfg 1 1904, (1–78).

PALPIGRADI.

Koenenia spelaea n. sp. France. **Peyerimhoff**, P. de. Paris, Bul. soc. ent., **1902**, (280–283, av. fig.).

LIST OF NEW GENERA AND SPECIES.

ADONEA [Araneida].
——— *variegata*. Purcell. 89.

ALLOCOSA [Araneida].
——— *degesta*. Chamberlin. 25.

ANCYLOTRYPA [Araneida].
——— *cornuta*. Purcell. 89.

ANOETUS [Acari].
——— *discrepans*. Oudemans. 78.
——— *sumatrensis*. Oudemans. 78.

Aphantopelma n. gen. [Araneida]. Simon. 103.
——— *macellum*. Simon. 103.

ARANEA [Araneida].
——— *anguinifera*. Cambridge. 20.
——— *concolorata*. Cambridge. 20.
——— *cyrtophoroides*. Cambridge. 20.
——— *dilatata*. Cambridge. 20.
——— *glabrata*. Cambridge. 20.
——— *nigrocincta*. Cambridge. 20.
——— *sinistra*. Cambridge. 20.

ARANEUS [Araneida].
——— *aysenenesis*. Tullgren. 126.
——— *exsertus*. Rainbow. 90.
——— *mammiferus*. Tullgren. 126.

ARGAS [Acarida].
——— *andresi*. Mariani. 66.

ARIADNA [Araneida].
——— *bilineata*. Purcell. 89.
——— *capensis*. Purcell. 89.
——— *dentigera*. Purcell. 89.
——— *jubata*. Purcell. 89.
——— *karrooica*. Purcell. 89.
——— *kolbei*. Purcell. 89.
——— *lightfooti*. Purcell. 89.
——— *scabripes*. Purcell. 89.
——— *segestroides*. Purcell. 89.
——— *umtalica*. Purcell. 89.

ARIAMNES [Araneida].
——— *pavesii*. Leardi Airaghi. 59.

ARRENURUS [Acarida].
——— *morrisoni*. Marshall. 67.
——— *simplex*. Koenike. 52.

ARRHENURUS [Acarida].
——— *longiusculus*. George. 36.
——— *matupitensis*. Piersig. 81.
——— *quadricaudatus*. Piersig. 81.
——— *quadricornutus*. Piersig. 81.
——— *rosulatus*. Daday. 31.

ATRACTIDES [Acarida].
——— *octoporus*. Piersig. 82.

ATURUS [Acarida].
——— *spatulifer*. Piersig. 83.

AUXIMUS [Araneida].
——— *longipes*. Purcell. 89.
——— *schreineri*. Purcell. 89.
——— *silvaticus*. Purcell. 89.

Avellopsis n. gen. [Araneida]. Purcell. 89.
——— *capensis*. Purcell. 89.

Aysenia n. gen. [Araneida]. Tullgren. 126.
——— *elongata*. Tullgren. 126.

BABYCURUS [Scorpionida].
——— *zambonellii*. Borelli. 16.

BATHYPHANTES [Araneida].
——— *pallidula*. Banks. 6.

BDELLA [Acarida].
——— *californica*. Banks. 6.
——— *groenlandica*. Trägårdh. 124.

Bemmeris n. gen. [Araneida]. Simon. 103.
——— *pardalina*. Simon. 103.

BUTHUS [Scorpionida].
——— *kaznakovi*. Birulïa. 12.

Caedmon n. gen. [Araneida]. Pickard-Cambridge. 22.
——— *affinis*. Pickard-Cambridge. 22.
——— *congener*. Pickard-Cambridge. 22.
——— *dubia*. Pickard-Cambridge. 22.
——— *thoracica*. Pickard-Cambridge. 22.

Callenopsis n. gen. [Araneida] Tullgren. 126.
——— *striata*. Tullgren. 126.

CAPONIA [Araneida].
——— *braunsi*. Purcell. 89.
——— *capensis*. Purcell. 89.
——— *forficifera*. Purcell. 89.
——— *hastifera*. Purcell. 89.
——— *karrooica*. Purcell. 89.
——— *simoni*. Purcell. 89.
——— *spiralifera*. Purcell. 89.

CARABODES [Acaridae].
——— *marginepunctatus*. Trägårdh. 119.

CENTRURUS [Scorpionida].
——— *hentzi*. Banks. 5.

CHELIFER [Chernetida].
——— *elongatus*. Ellingsen. 33.
——— *gracilis*. Ellingsen. 33.
——— *nitidus*. Ellingsen. 33.
——— *rotundatus*. Ellingsen. 33.

CHTHONIUS [Chernetida].
——— *maranjitensis*. Ellingsen. 33.
——— *pulchellus*. Ellingsen. 33.

CLUBIONA [Araneida].
——— *deterrima*. Strand. 111.

CORINNOMMA [Araneida].
——— *formiciforme*. Rainbow. 90.

CORNICULARIA [Araneida].
——— *recurvata*. Banks. 7.
——— *varipes*. Banks. 7.

CRYPTOCELLUS [Phalangida].
——— *simoni*. Hansen and Sørensen. 42.

CRYPTOSTEMMA [Phalangida].
——— *crassipalpe*. Hansen and Sørensen. 42.
——— *karschi*. Hansen and Sørensen. 42.
——— *plebejum*. Hansen and Sørensen. 42.
——— *sjöstedti*. Hansen, H. and Sørensen. 42.
——— *westermanni*. Hansen and Sørensen. 42.

Ctenolophus n. gen. [Araneida]. Purcell. 89.

Ctenonemus n. gen. [Araneida]. Simon. 103.
——— *pectiniger*. Simon. 103.

CYBAEUS [Araneida].
——— *minor*. Banks. 6.

CYCLOSA [Araneida].
——— *conigera*. Cambridge. 20.

CYNORTA [Phalangida].
——— *albipunctata*. Cambridge, F. O. Pickard. 20.
——— *annulipes*. Cambridge, F. O. Pickard. 20.
——— *biguttata*. Cambridge, F. O. Pickard, 20.
——— *bipunctata*. Cambridge, F. O. Pickard. 20.
——— *bituberculata*. Cambridge, F. O. Pickard. 20.
——— *conigera*. Cambridge, F. O. Pickard. 20.
——— *dentipes*. Cambridge, F. O. Pickard. 20.
——— *longipes*. Cambridge, F. O. Pickard. 20.
——— *longispina*. Cambridge, F. O. Pickard. 20.

Daesia [Solifugae].
——— *dmitrievi*. Birulïa. 13.
——— *magnifrons*. Birulïa. 13.
——— *persica*. Birulïa. 13.
——— *rossica*. Birulïa. 13.
——— *zarudnyi*. Birulïa. 13.

Damarchodes n. gen. [Araneida]. Simon 103.
——— *purcelli*. Simon. 103.

Dendryphantes [Araneida].
——— *floridanus*. Banks. 5.
——— *guttatus*. Banks. 6.

Diaea [Araneida].
——— *multimaculata*. Rainbow. 90.

Dictyna [Araneida].
——— *calcarata*. Banks. 6.
——— *floridana*. Banks. 5.
——— *togata*. Simon. 105.

Dictynina n. gen. [Araneida]. Banks. 6.
——— *pallida*. Banks. 6.

Dictyolathys [Araneida].
——— *californica*. Banks. 6.

Diores [Araneida].
——— *cognata*. Pickard-Cambridge. 22.
——— *simonii*. Pickard-Cambridge. 22.

Diphya [Araneida].
——— *pallida*. Tullgren. 126.
——— *rugosa*. Tullgren. 126.
——— *spinifera*. Tullgren. 126.

Diplogena n. gen. [Araneida]. Purcell. 89.
——— *capensis*. Purcell. 89.

Diplotychus n. gen. [Araneida]. Simon. 104.
——— *longulus*. Simon. 104.

Dipoena [Araneida].
——— *pictipes*. Banks. 6.

Drassinella n. gen. [Araneida]. Banks. 6.
——— *modesta*. Banks. 6.

Drassodes [Araneida].
——— *californica*. Banks. 6.

Dresserus [Araneida].
——— *angusticeps*. Purcell. 89.
——— *laticeps*. Purcell. 89.

Drymusa [Araneida].
——— *producta*. Purcell. 89.
——— *silvicola*. Purcell. 89.

Emplesiogonus n. gen. [Araneida]. Simon. 104.
——— *striatus*. Simon. 104.

Enidia n. nom. [Araneida]. Smith. 108.

Enoplognatha [Araneida].
——— *inornata*. Pickard-Cambridge. 22.

Eoscorpius [Scorpionida].
——— *sparthensis*†. Baldwin. 1.

Epeira [Araneida].
——— *floridensis*. Banks. 5.
——— *libera*. Leardi-Airaghi. 59.
——— *tricolor*. Leardi-Airaghi. 60.

Epiblemum [Araneida].
——— *palpalis*. Banks. 6.

Episinus [Araneida].
——— *dusénii*. Tullgren. 126.

Epitrimerus [Acarida].
——— *anthrisci*. Lindroth. 61.

Eremaeus [Acarida].
——— *confervae*. Oudemans. 78.
——— *floridanus*. Banks. 5.
——— *varius*. Voigts & Oudemans. 129.

Erginoides n. gen. [Phalangida]. Cambridge. 20.
——— *tarsalis*. Cambridge. 20.

Erigone [Araneida].
——— *californica*. Banks. 6.

Erigonidium n. gen. [Araneida]. Smith. 108.

Eriophyes [Acarida].
——— *campanulae*. Lindroth. 61.
——— *dianthi*. Lindroth. 61.
——— *leontodontis*. Lindroth. 61.
——— *linderae*. Corti. 29.

Ero [Araneïda].
——— *ligurica*? Kulczyński. 54.
——— *nicoleti*. Simon. 105.

Erythraeus [Acarida].
——— *germanicus*. Oudemans. 78.
——— *groenlandicus*. Trägårdh. 124.
——— *unidentatus*. Trägårdh. 124.

Eucarus n. gen. [Acarida]. With. 136.
——— *arabicus*. With. 136.
——— *italicus*. With. 126.

Euganimasus [Acarida].
——— *epsilon*. Voigts & Oudemans. 129.

Eulais [Acarida].
——— *elliptica*. Piersig. 84.
——— *gigas*. Piersig. 84.
——— *krendovskii*. Piersig. 84.
——— *saratovi*. Piersig. 84.
——— *skorikovi*. Piersig. 84.

Euryopis [Araneida].
——— *californica*. Banks. 6.

Euscorpius [Scorpionida].
——— *candiota*†. Birulïa. 12.

Eustala [Araneida].
——— *bifida*. Cambridge. 20.
——— *guttata*. Cambridge. 20.

Evophrys [Araneida].
——— *laetata*. Simon. 105.

Eylais [Acarida].
——— *bicornuta*. Halbert. 39.

Falconeria n. gen. [Araneida]. Smith. 108.

Galeodes [Solifugae].
——— *aurantiens*. Birulïa. 13.
——— *bacillatus*. Birulïa. 13.
——— *caspius*: *przevalskii* n. subp. Birulïa. 13.
——— *lacirpalpis*. Birulïa. 13.
——— *schach*. Birulïa. 13.
——— *setipes*. Birulïa. 13.

Galeodopsis n. gen. [Solifugae]. Birulïa. 11.

Gamasus [Acarida].
——— *californicus*. Banks. 6.

Gayenna [Araneida].
——— *californica*. Banks. 6.
——— *chilensis*. Tullgren. 126.
——— *pallida*. Tullgren. 126.
——— *rufithorax*. Tullgren. 126.
——— *saccata*. Tullgren. 126.
——— *trimaculata*. Simon. 105.

Geolycosa n. gen. [Araneida]. Montgomery. 69.
——— *latifrons*. Montgomery. 69.
——— *texana*. Montgomery. 69.

Gluviopsis [Solifugae].
——— *nigrocincta*. Birulïa. 13.
——— *rufescens*: *persica* n. subsp. Birulïa. 13.

Glyciphagus [Acarida].
——— *burchanensis*. Oudemans. 78.
——— *fustifer*. Oudemans. 78.

Gnaphosa [Araneida].
——— *californica*. Banks. 6.
——— *pseudolapponica*. Strand. 111.

Gnolus [Araneida].
——— *affinis*. Tullgren. 126.
——— *zonulatus*. Tullgren. 126.

Gonglydium [Araneida].
——— *alascensis*. Banks. 7.

Greenia [Acarida].
——— *sjöstedti*. Trägårdh. 120.

Harpactirella [Araneida].
——— *schwarzi*. Purcell. 89.

Hemihoplopus n. gen. [Scorpionida]. Birulïa. 9.
——— *yaschenkoi*. Birulïa. 9.

Herpyllus [Araneida].
——— *angustus*. Banks. 6.

Heterodictyna n. gen. [Araneida]. Dahl. 32.

Histiostoma [Acarida].
——— *digitifera*. Trägårdh. 121.

Holostaspis [Acarida].
——— *exilis*. Banks. 7.

Hydryphantes [Acarida].
——— *jujuyensis*. Nordenskiöld. 72.

Hygrobates [Acarida].
——— *dodecaporus*. Nordenskiöld. 72.

Hypoaspis [Acarida].
——— *lubrica*. Voigts & Oudemans. 129.

Idiops [Araneida].
——— *pungwensis*. Purcell. 89.

Iphidunus n. gen. [Acari]. Ribaga. 95.
——— *communis*. Ribaga. 95.
——— *longicaudus*. Ribaga. 95.

Iphoctesis n. gen. [Araneida]. Simon. 104.
——— *echinipes*. Simon. 104.

Isopoda [Araneida].
——— *striatipes*. Leardi Airaghi. 59.

Ixodes [Acarida]
——— *anatis*. Chilton. 26.
——— *californicus*. Banks. 6.

Koenenia [Palpigradi.]
——— *spelaea*. Peyerimhoff. 80.

Laelaps [Acarida].
——— *pilosula*. Banks. 6.
——— *versteeghi*. Oudemans. 76.

Landana [Araneida].
——— *edwardsi*. Simon. 105.

Latrodectus [Araneida].
——— *concinnus*. Pickard-Cambridge. 22.
——— *indistinctus*. Pickard-Cambridge. 22.

Lephthyphantes [Araneida].
——— *alascensis.* Banks. 7.
——— *armatus.* Kulczyński. 54.
——— *kotulai.* Kulczyński. 54.

Leptoneta [Araneida].
——— *californica.* Banks. 6.

Liacarus [Acarida].
——— *modestus.* Banks. 6.

Limnesia [Acarida].
——— *cornuta.* Wolcott. 137.
——— *paucispina.* Wolcott. 137.

Linyphia [Araneida].
——— *aysenensis.* Tullgren. 126.
——— *interpolis.* Pickard-Cambridge. 22.
——— *limatula.* Simon. 105.

Liparotoma [Araneida].
——— *villosa.* Tullgren. 126.

Lophocarenum [Araneida].
——— *fasciatum.* Banks. 6.

Loxoscoles [Araneida].
——— *spinulosa.* Purcell. 89.

Lucrinus n. gen. [Araneida]. Pickard-Cambridge. 22.
——— *putus.* Pickard-Cambridge. 22.

Lycosa [Araneida].
——— *antelucana.* Montgomery. 69.
——— *delfini.* Simon. 105.
——— *euepigynata.* Montgomery. 69.
——— *hentzi.* Banks. 5.
——— *insopita.* Montgomery. 69.
——— *mccooki.* Montgomery. 69.
——— *pacifica* Banks. 6.
——— *perkinsi.* Simon. 106.
——— *permunda.* Chamberlin. 24.
——— *porteri.* Simon. 105.
——— *posticata.* Banks. 5.

Mangora [Araneida].
——— *calcarifera.* Cambridge. 20.
——— *spinula.* Cambridge. 20.

Mecaphesa [Araneida].
——— *perkinsi.* Simon. 106.

Megamyrmecion [Araneida].
——— *gayi.* Simon. 105.

Megisthanus [Acarida].
——— *floridanus.* Banks. 5.

Melanophera [Araneida].
——— *porteri.* Simon. 105.

Menneus [Araneida].
——— *dromedarius.* Purcell. 89.

Meta [Araneida].
——— *chilensis.* Tullgren. 126.
——— *cordillera.* Tullgen. 126.
——— *echinata.* Tullgren. 126.
——— *torta.* Tullgren. 126.

Metacynorta n. gen. [Phalangida]. Cambridge. 20.
——— *gracilipes.* Cambridge. 20.

Metacyrba [Araneida].
——— *similis.* Banks. 6.

Metaparasitus n. gen. [Acarida]. Voigts and Oudemans. 129.
——— *suboles.* Voigts and Oudemans. 129.

Metavonones n. gen. [Phalangida]. Cambridge. 20.
——— *hispidus.* Cambridge. 20.

Metaxygia n. gen. [Araneida]. Cambridge. 20.

Mevianes n. gen. [Araneida]. Simon. 105.
——— *delfini.* Simon. 105.
——— *wilsoni.* Simon. 105.

Miagrammopes [Araneida].
——— *constrictus.* Purcell. 89.

Micaria [Araneida].
——— *norvegica.* Strand. 111.

Micrathena [Araneida].
——— *catenulata.* Cambridge. 20.
——— *granulata.* Cambridge. 20.
——— *inaequalis.* Cambridge. 20.
——— *quadriserrata.* Cambridge. 20.
——— *serrata.* Cambridge. 20.
——— *spinulata.* Cambridge. 20.
——— *striata.* Cambridge. 20.
——— *subspinosa.* Cambridge. 20.
——— *triserrata.* Cambridge. 20.
——— *uncata.* Cambridge. 20.

Midamus [Araneida].
——— *ceylonicus.* Leardi-Airaghi. 59.

Mideopsis [Acarida].
——— *spinipes.* Nordenskiöld. 72.

Mimetus [Araneida].
——— *maculosus.* Rainbow. 90.

Mitopus [Phalangida].
——— *dorsalis.* Banks. 7.

Moero n. gen. [Araneida]. Pickard-Cambridge. 22.
——— *quadrimaculata*. Pickard-Cambridge. 22.

Moggridgea [Araneida].
——— *nigra*. Purcell. 89.

Mynthes [Araneida].
——— *dentifer*. Tullgren. 126.

Myro [Araneida].
——— *multidentata*. Tullgren. 126.

Neopodocinum n. gen. [Acarida]. Oudemans. 78.
——— *jaspersi*. Oudemans. 78.
——— *nederveeni*. Oudemans. 78.
——— *vosi*. Oudemans. 78.

Neoscona [Araneida].
——— *amulensis*. Cambridge. 20.
——— *conifera* Cambridge. 20.
——— *minima*. Cambridge. 20.
——— *orizabensis*. Cambridge. 20.

Neosconella n. gen. [Araneida]. Cambridge. 20.
——— *guttata*. Cambridge. 20.
——— *styligera*. Cambridge. 20.

Notaspis [Acarida].
——— *monticola*. Trägårdh. 119.
——— *voigtsi*. Oudemans. 78.

Ogovia n. gen. [Phalangida]. Hansen and Sørensen. 42.
——— *grossa*. Hansen and Sørensen. 42.

Olpium [Chernetida].
——— *orthonadae*. Ellingsen. 33.

Opisthacanthus n. gen. [Scorpionida]. Birulía. 10.
——— *davydovi*. Birulía. 10.

Oribata [Acarida].
——— *californica*. Banks. 6.
——— *farinosa*. Trägårdh. 119.

Orsolobus [Araneida].
——— *chelifer*. Tullgren. 126.

Oxus [Acarida].
——— *dahli*. Piersig. 81.

Pachylaelaps [Acarida].
——— *ensifer*. Oudemans. 78.
——— *furcifer*. Oudemans. 78.

Pacificana n. gen. [Araneida]. Hogg. 46.
——— *cockayni*. Hogg. 46.

Paragaleodes [Solifugae].
——— *fulvipes*. Birulía. 13.
——— *melanopygus*. Birulía. 13.

Parasiro n. gen. [Phalangida]. Hansen and Sörensen. 42.

Parasitus [Acarida].
——— *alpha*. Voigts & Oudemans. 129.
——— *beta*. Voigts & Oudemans. 129.
——— *bremensis*. Voigts & Oudemans. 129.
——— *congener*. Voigts & Oudemans. 129.
——— *consanguineus*. Voigts & Oudemans. 129.
——— *consimilis*. Voigts & Oudemans. 129.
——— *consors*. Voigts & Oudemans. 129.
——— *eta*. Voigts & Oudemans. 129.
——— *fucicola*. Trägårdh. 124.
——— *poppei*. Oudemans. 78.
——— *setosus*. Voigts & Oudemans. 129.
——— *spinipediformis*. Trägårdh. 124.
——— *theta*. Voigts & Oudemans. 129.
——— *zeta*. Voigts & Oudemans. 129.

Parastrophius n. gen. [Araneida]. Simon. 104.
——— *echinosoma*. Simon. 104.

Paravonones n. gen. [Phalangida]. Cambridge. 20.
——— *biserratus*. Cambridge. 20.
——— *claviger*. Cambridge. 20.
——— *compressus*. Cambridge. 20.
——— *incrassatus*. Cambridge. 20.
——— *quadratus*. Cambridge. 20.

Parawixia n. gen. [Araneida]. Cambridge. 20.
——— *hamata*. Cambridge. 20.
——— *tredecimnotata*. Cambridge. 20.

Pardosa [Araneida].
——— *atromedia*. Banks. 6.
——— *floridana*. Banks. 5.
——— *mercurialis*. Montgomery. 69.
——— *pauxilla*. Montgomery. 69.

Pellenes [Araneida].
——— *pacifica*. Banks. 6.
——— *speciosa*. Banks. 6.

Pelmatoryoter [Araneida].
——— *pallidipes*. Purcell. 89.

Pergamasus [Acarida].
——— *gamma.* Voigts & Oudemans. 129.

Philiscoa [Araneida].
——— *accentifera.* Simon. 105.

Philodromus [Araneida].
——— *floridensis.* Banks. 5.
——— *moestus.* Banks. 6.

Phthiracarus [Acarida].
——— *cryptopus.* Banks. 6.

Physoglenes n. gen. [Araneida]. Simon. 105.
——— *vivesi.* Simon. 105.

Phytoseius n. gen. [Acarida]. Ribaga. 95.
——— *finitimus.* Ribaga. 95.
——— *horridus.* Ribaga. 95.

Pimeliaphilus n. gen. [Acarida]. Trägårdh. 123.

Pionaces n. gen. [Araneida]. Simon. 105.
——— *major.* Simon. 105.

Pirata [Araneida].
——— *aspirans.* Chamberlin. 25.
——— *californica.* Banks. 6.
——— *sedentarius.* Montgomery. 69.

Poecilipta [Araneida].
——— *venusta.* Rainbow. 90.

Poltys [Araneida].
——— *salebrosus.* Rainbow. 90.

Polybetes [Araneida].
——— *delfini.* Simon. 105.

Porteria n. gen. [Araneida]. Simon. 105.
——— *albopunctata.* Simon. 105.

Priperia n. gen. [Araneida]. Simon. 106.
——— *bicolor.* Simon. 106.

Prodidomus [Araneida].
——— *capensis.* Purcell. 89.
——— *purpurascens.* Purcell. 89.
——— *scaber.* Purcell. 89.

Pseudauximus [Araneida].
——— *pallidus.* Purcell. 89.

Pseudofeltria n. gen. [Acarida]. Soar. 109.
——— *scourfieldi.* Soar. 109.

Purcellia n. gen. [Phalangida]. Hansen and Sørensen. 42.
——— *illustrans.* Hansen and Sørensen. 42.

Rhagodes [Solifugae].
——— *aureus: setipes* n. subsp. Birulïa. 13.
——— *leucopygus.* Birulïa. 13.

Rhyncholophus [Acarida].
——— *gracilipes.* Banks. 6.
——— *intermedius.* Trägårdh. 119.
——— *punctatus.* Banks. 5.

Romphaea [Araneida].
——— *longa.* Kulczyński. 54.

Saitis [Araneida].
——— *graeca.* Kulczyński. 54.
——— *taurica.* Kulczyński. 54.

Schizocosa n. gen. [Araneida]. Chamberlin. 24.

Scytodes [Araneida].
——— *arenacea.* Purcell. 89.
——— *caffra.* Purcell. 89.
——— *cedri.* Purcell. 89.
——— *elizabethae.* Purcell. 89.
——— *flagellata.* Purcell. 89.
——— *gooldi.* Purcell. 89.
——— *karroica.* Purcell. 89.
——— *lanceolata.* Purcell. 89.
——— *leipoldti.* Purcell. 89.
——— *lycosella.* Purcell. 89.
——— *lyriformis.* Purcell. 89.
——— *montana.* Purcell. 89.
——— *silvatica.* Purcell. 89.
——— *subulata.* Purcell. 89.
——— *testudo.* Purcell. 89.
——— *triangulifera.* Purcell. 89.

Sebaia n. gen. [Acarida]. Oudemans. 78.
——— *rosacea.* Oudemans. 78.

Segestriella n. gen. [Araneida]. Purcell. 89.
——— *gryllotalpa.* Purcell. 89.

Seiulus [Acarida].
——— *custipilus.* Ribaga. 95.
——— *levis.* Voigts & Oudemans. 129.
——— *soleiger.* Ribaga. 95.

Seothyra [Araneida].
——— *fasciata.* Purcell. 89.

Sommatericola n. gen. [Acarida]. Trägårdh. 124.
——— *levinseni.* Trägårdh. 124.

Sphyrotinus [Araneida].
——— *delfini.* Simon. 105.

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——— *latus.* Purcell. 89.
——— *pallidipes.* Purcell. 89.

Stegodyphus [Araneida].
——— *canus.* Purcell. 89.
——— *tentoriicola.* Purcell. 89.

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——— *antennata*. Tullgren. 126.
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——— *modestus*. Hansen and Sørensen. 42.
——— *pococki*. Hansen and Sørensen. 42.
——— *thorelli*. Hansen and Sørensen. 42.
——— *weberi*. Hansen and Sørensen. 42.
Synaema [Araneida].
——— *rufithorax*. Simon. 106.
Tafana n. gen. [Araneida]. Simon. 104.
——— *riveti*. Simon. 104.
Terupis n. gen. [Araneida]. Simon. 105.
——— *bicolor*. Simon. 105.
Tetranychus [Acarida].
——— *ulicis*. Jourdain. 48.
Teutana [Araneida].
——— *connexa*. Cambridge. 22.
——— *lepida*. Cambridge. 22.
Thallumetus [Araneida].
——— *acanthochirus*. Simon. 105.
——— *caelatus*. Simon. 105.
Theridion [Araneida].
——— *dedux*. Cambridge. 22.
——— *delicatum*. Cambridge. 22.
——— *fuegianum*. Simon. 105.
——— *purcellii*. Cambridge. 22.
Theridium [Araneida].
——— *californicum*. Banks. 6.
——— *bösenbergi* n. nom. Strand. 113.
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——— *floridanus*. Banks. 5.
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——— *californica*. Banks. 6.
——— *longitarsis*. Simon. 105.
——— *virgatus*. Simon. 105.
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——— *simplex*. Trägårdh. 120.
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——— *noctuabunda*. Montgomery. 69.
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——— *lundbecki*. Trägårdh. 124.
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——— *californicus*. Banks. 6.
Uropoda [Acarida].
——— *alfkeni*. Oudemans. 78.
——— *leviscosa*. Voigts & Oudemans. 129.
Varroa n. gen. [Acarida]. Oudemans. 75.
——— *jacobsonii*. Oudemans. 75.
Wagneriana n. nom. [Araneida]. Cambridge. 20.
——— *carinata*. Cambridge. 20.
Wixia [Araneida].
——— *globosa*. Cambridge. 20.
——— *sicula*. Cambridge. 20.
——— *subrufa*. Cambridge. 20.
Zelotes [Araneida].
——— *femoralis*. Banks. 6.
——— *maculata*. Banks. 6.
——— *pacifica*. Banks. 6.
Zercon [Acarida].
——— *lundbecki*. Trägårdh. 124.

3203-3231 PROTOTRACHEATA (or ONYCHOPHORA).

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3207 STRUCTURE.

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3403-3431 MYRIOPODA.

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Organs of Sense.

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Reproductive Organs.

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3411 PHYSIOLOGY.

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3415 DEVELOPMENT.

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3423 VARIATION AND ÆTIOLOGY.

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Special.

Ballonema n. gen., *B. gracilipes* n. sp. **Verhoeff,** K. W. Berlin, SitzBer. Ges. natf. Freunde, **1904,** (257, 261).

Cupipes ungulatus var. *mitis* n. var. Brazil. **Brölemann,** H. W. San Paulo, Rev. Mus., **6,** 1904, (65-66).

Escaryus albus n. sp. Alaska. **Cook,** O. F. Alaska, (Harriman Expedition), New York, **8,** 1904, (47-82, with pl.); *E. retusidens* n. sp. **Attems,** C. *Graf.* Zool. Jahrb., Jena, Abt. f. Syst., **20,** 1904, (121).

Geophilus alaskanus n. sp. Alaska. **Cook,** O. F. Alaska, (Harriman Expedition), New York, **8,** 1904, (75); *G. electricus: joyeuxi* n. subsp. Corse. **Léger,** L. et **Duboscq,** O. Paris, C.-R. ass. franç. avance. sci., **31,** 2e-partie, 1903, (710); *G. linearis,* spermiogenèse. **Bouin,** P. et **Bouin,** M. Paris, C.-R. soc. biol., **55,** 1903, (1060-1062); *G. mediterraneus* Meinert, *G. richardi,* notes. **Brölemann,** H. W. Monaco, Bul. Mus., **1904,** No. 15, (9-11).

Himantarium brölemanni n. sp. Corse. **Léger,** L. et **Duboscq,** O. Paris, C.-R. ass. franç. avance. sci., **31,** 2e partie, 1903, (708); *H. gabrielis* Linné, cas nouveau de difformité. **Brölemann,** H. W. Monaco, Bul. Mus., **1904,** No. 15, (14-15).

Lamnonyx spissus. **Silvestri,** F. Fauna Hawaiiensis. Cambridge, **3,** 1904, (326, pl. XI, figs. 5-7).

Lamyctes fulvicornis var. *hawaiiensis* n. var. Hawaii. **Silvestri,** F. *l.c.* (325, pl. XI, figs. 1 and 2); *L. heterotarsus* n. sp. Hawaii. **Silvestri,** F. *l.c.* (325, pl. XI, figs. 3 and 4).

Lithobius nn. spp. **Attems**, C. *Graf*. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (116–117); *L. blanchardi* n. sp., *L. nudicornis: corsicus* n. subsp. Corse. **Léger**, L. et **Duboscq**, O. Paris, C.-R. ass. franç. avance. sci., **31**, 2e partie, 1902, (706–707); *L. erythrocephalus* C. Koch, note. *L. nodulipes* var. *nicoeensis* n. var. **Brölemann**, H. W. Monaco, Bul. Mus., **1904**, No. 15, (11–13); *L. hawaiiensis*. Kanai. **Silvestri**, F. *l.c.* (324).

Mecistocephalus edentulus n. sp. **Attems**, C. *Graf*. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (119).

Newportia (*Scolopendrides*) nn. spp. Brazil. **Brölemann**, H. W. San Paulo, Rev. Mus., **6**, 1904, (67–71).

Notophilides grandis n. sp. Brazil. **Brölemann**, H. W. *l.c.* (71–73).

Parascutigera n. gen., *P. dahli* n. sp. **Verhoeff**, K. W. Berlin, SitzBer. Ges. Natf. Freunde, **1904**, (257, 263).

Pselliophora n. gen., *P. annuligera*, *P. pulchritarsis* nn. spp. **Verhoeff**, K. W. *l.c.* (259, 225, 229).

Schendyla nemorensis, *S. vizzavonae*, *S. mediterranea*, description; *S. montana* var. *monoeci* n. var. **Brölemann**, H. W. Monaco, Bul. Mus., **1904**, No. 15, (5–9); *S. paulista* n. sp. Brazil. **Brölemann**, H. W. San Paulo, Rev. Mus., **6**, 1904, (83–84); *S. vizzavonae* n. sp. Corse. **Léger**, L. et **Duboscq**, O. Paris, C.-R. ass. franç. avanc. sci., **31**, 2e partie, 1903, (709).

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Scutigera, Mittheilungen über die Gliedmassen der Gattung. **Verhoeff**, K. W. Berlin, SitzBer. Ges. natf. Freunde, **1904**, (198–236).

Sphendononema n. gen., *S. camerunense* n. sp. **Verhoeff**, K. W. *l.c.* (259, 281).

Stigmatogaster arcis-herculis n. sp. Monaco. **Brölemann**, H. W. Monaco, Bul. Mus., **1904**, No. 15, (3–4).

Thereuonema n. gen., *T.* (*Thereuopoda*) *amakiana* n. sp. **Verhoeff**, K. W. Berlin, SitzBer. Ges. natf. Freunde, **1904**, (258–268, 272).

Thereuopoda n. subgen. (*Thereuonema*). **Verhoeff**, K. W. *l.c.* (275).

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General.

Silvestri, F. Viaggio del dott. A. Borelli nel Matto Grosso. Diplopodi. Torino, Boll. Musei zool. anat., **17**, No. 432, 1902, (1–25).

Special.

Aporodesmus n. gen. (*Cryptodesmidae*), *A. wallacei* n. sp. **Silvestri**, F. Fauna Hawaiiensis, Cambridge, **3**, 1904, (327–328, pl. XI, figs. 14–17).

Archispirostreptus pyrocephalus. **Lankester**, E. R. Q. J. Microsc. Sci., London, **47**, 1904, (pl. XLII, figs. 1, 2).

Blaniulus, myrmecophil habit. **Donisthorpe**, H. St. J. K. Ent. Rec., London, **15**, 1904 (11).

Brachyjulus nn. spp. **Attems**, C. Arch. Natg., Berlin, **70**, Bd 1, 1904, (179–196, mit 2 Taf.).

Brachyurodesmus n. gen. Matto Grosso. **Silvestri**, F. Torino, Boll. Musei. zool. anat., **17**, No. 432, 1902, (1–25).

Catharosoma peraccae n. sp. Matto Grosso. **Silvestri**, F. *l.c.* (1–25).

Chonaphe n. gen., type *C. armata* (*Harger*). Western U.S. **Cook**, O. F. Alaska (Harriman expedition), New York, **8**, 1904, (56–57).

Craspedosoma legeri n. sp. Corse. **Léger**, L. et **Duboscq**, O. Paris, C.-R. ass. franç. avanc. sci., **32**, 1903, 2 partie, (711–712).

Cryptodesmus nn. spp. Brazil. **Brölemann**, H. W. San Paulo, Rev. Mus., **6**, 1904, (84–87).

Cylindrojulus brolemanni n. nom. = *Julus luridus* var. B. Broleman, *C. pollicaris* n. sp. **Attems**, C. Arch. Natg., Berlin, **70**, Bd 1, 1904, (191).

Dimerogonus nn. spp. **Silvestri**, F. Fauna Hawaiiensis, Cambridge, **3**, 1904, (330–338).

Diplopoiulus luscus. Hawaii. **Silvestri**, F. *l.c.* (338).

Erythrodesmus n. gen. Matto Grosso. **Silvestri**, F. Torino, Boll. Musei zool. anat., **17**, No. 432, 1902, (1-25).

Euryurus nn. spp. Brazil. **Brölemann**, H. W. San Paulo, Rev. Mus., **6**, 1904, (74-78, figs. 5-7).

Euthydesmus n. gen., *E. acicarina* n. sp. Matto Grosso. **Silvestri**, F. Torino, Boll. Musei zool. anat., **17**, No. 432, 1902, (1-25).

Fagina n. subgen. (*Heterolatzelia*). **Attems**, C. *Graf*. Arch. Natg., Berlin, **70**, Bd 1, 1904, (182).

Femoriferus n. subgen (*Julus*). **Attems**, C. *l.c.* (189).

Harpaphe n. gen., type *H. haydeniana* (*Harger*). Oregon and California. **Cook**, O. F. Alaska, (Harriman Expedition), New York, **8**, 1904, (59-60).

Heterolatzelia (*Fagina* n. subgen.) *silvatica* n. sp. **Attems**, C. Arch. Natg., Berlin, **70**, Bd 1, 1904, (182).

Hybaphe n. gen., *H. curtipes*, *H. tersa* nn. spp. Washington. **Cook**, O. F. Alaska, (Harriman Expedition), New York, **8**, 1904, (58-59).

Hylopachyjulus n. subgen. (*Pachyiulus*). **Attems**, C. Arch. Natg., Berlin, **70**, Bd 1, 1904, (183).

Hyposonium n. gen., *H. anurum* n. sp. Washington. **Cook**, O. F. Alaska, (Harriman Expedition), New York, **8**, 1904, (62-63).

Isaphe n. gen., *I. convexa* n. sp. Idaho. **Cook**, O. F. *l.c.* (57-58).

Julus (*Femoriferus* n. subgen.) nn. spp. **Attems**, C. Arch. Natg., Berlin, **70**, Bd 1, 1904, (189); *J.* (*Cylindroiulus*) *apenninorum* var. *segregatus* n. var. Corse. **Léger**, L. et **Duboscq**, O. Paris, C.-R. ass. franç. avanc. sci., **31**, 2e partie, 1903, (713); *J. pulchellus*, injurious to potatoes, etc. **Theobald**, F. First Rep. on Economic Zoology, 1904, (86, 105); Second Rep. on Economic Zoology, 1904, (155).

Leiodesmus nn. spp. Matto Grosso. **Silvestri**, F. Torino, Boll. Musei zool. anat., **17**, No. 432, 1902, (1-25).

Leptodesmus (*Rachidomorpha*) *corniger* n. sp. Brazil. **Brölemann**, H. W. San Paulo, Rev. Mus., **6**, 1904, (87-91).

Nanostreptus nn. spp. Matto Grosso. **Silvestri**, F. Torino, Boll. Musei zool. anat., **17**, No. 432, 1902, (1-25).

Onychelus n. gen., *O. robustus* n. sp. California. **Cook**, O. F. Alaska, (Harriman Expedition), New York, **8**, 1904, (67-68).

Orthoporus heterogona n. sp. Matto Grosso. **Silvestri**, F. Torino, Boll. Musei zool. anat., **17**, No. 432, 1902, (1-25).

Pachyjulus (*Hylopachyiulus* n. subgen.) *pygmaeus* n. sp. **Attems**, C. Arch. Natg., Berlin, **70**, Bd 1, 1904, (183).

Parajulus alaskanus n. sp. Alaska. **Cook**, O. F. Alaska, (Harriman Expedition), New York, **8**, 1904, (70).

Plusioporus gigliotosi n. sp. Matto Grosso. **Silvestri**, F. Torino, Boll. Musei zool. anat., **17**, No. 432, 1902, (1-25).

Polydesmus nn. spp. **Attems**, C. *Graf*. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (125-126).

Polyxenus hawaiiensis n. sp. Oahu. **Silvestri**, F. Fauna Hawaiiensis, Cambridge, **3**, 1904, (327, pl. XI, figs. 8-13).

Pseudonannolene nn. spp. Matto Grosso. **Silvestri**, F. Torino, Boll. Musei zool. anat., **17**, No. 432, 1902, (1-25); *P. exilio* n. sp. Brazil. **Brölemann**, H. W. San Paulo, Rev. Mus., **6**, 1904, (78-80).

Sandalodesmus n. gen., *S. bertonii* n. sp. Matto Grosso. **Silvestri**, F. Torino, Boll. Musei zool. anat., **17**, No. 432, 1902, (1-25).

Schizophyllum corsicum n. sp. Corse. **Léger**, L. et **Duboscq**, O. Paris, C.-R., ass. franç. avanc. sci., **31**, 2e partie, 1903, (712).

Tianella n. gen. (*Chordeumid.*), *T. fastigata* n. sp. **Attems**, C. *Graf*. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (126-127).

Tylobolus n. gen., *T. deses* n. sp. California. **Cook**, O. F. Alaska, (Harriman Expedition), New York, **8**, 1904, (65-66).

Xystocheir n. gen., *X. acuta*, *X. obtusa* nn. spp. California. **Cook**, O. F. *l.c.* (53-54).

PAUROPODA.

Silvestri, F. [Berlese Operis]. Acari, Myriopoda et Scorpiones hucusque in Italia reperta: Ordo Pauropoda (p. gen.) Portici (tip. Vesuviana), 1902, (1–85, con 55 fig.). 24.5 × 16.5.

LIST OF NEW GENERA AND SPECIES.

Aporodesmus n. gen. [Diplopoda]. Silvestri. 19.
——— *wallacei*. Silvestri. 19.

Ballonema n. gen. [Chilopoda]. Verhoeff. 26.
——— *gracilipes*. Verhoeff. 26.

BRACHYJULUS [Diplopoda].
——— *lictor*. Attems. 1.
——— *varibolinus*. Attems. 1.

Brachyurodesmus n. gen. [Diplopoda]. Silvestri. 17.

CATHAROSOMA [Diplopoda].
——— *peraccae*. Silvestri. 17.

Chonaphe n. gen. [Diplopoda]. Cook. 7.

CRASPEDOSOMA [Diplopoda].
——— *legeri*. Léger et Duboscq. 12.

CRYPTODESMUS [Diplopoda].
——— *pileolus*. Brölemann. 5.
——— *politulus*. Brölemann. 5.

CUPIPES [Chilopoda].
——— *ungulatus* var. *mitis* n. var. Brölemann. 5.

CYLINDROJULUS [Diplopoda].
——— *brolemanni* n. nom. Attems. 1.
——— *pollicaris*. Attems. 1.

DIMEROGONUS [Diplopoda].
——— *aveburyi*. Silvestri. 19.
——— *beddardi*. Silvestri. 19.
——— *carpenteri*. Silvestri. 19.
——— *harmeri*. Silvestri. 19.
——— *koebelei*. Silvestri. 19.
——— *lankesteri*. Silvestri. 19.
——— *perkinsi*. Silvestri. 19.
——— *pococki*. Silvestri. 19.
——— *sedgwicki*. Silvestri. 19.
——— *sharpi*. Silvestri. 19.
——— *shipleyi*. Silvestri. 19.
——— *sinclairi*. Silvestri. 19.

Erythrodesmus n. gen. [Diplopoda]. Silvestri. 17.

ESCARYUS [Chilopoda].
——— *albus*. Cook. 7.
——— *retusidens*. Attems. 2.

EURYURUS [Diplopoda].
——— *elongatus*. Brölemann. 5.
——— *octocentrus*. Brölemann. 5.

Euthydesmus n. gen. [Diplopoda]. Silvestri. 17.
——— *acicarina*. Silvestri. 17.

Fagina n. subgen. [Diplopoda]. Attems. 1.

Femoriferus n. subgen. [Diplopoda]. Attems. 1.

GEOPHILUS [Chilopoda].
——— *alaskanus*. Cook. 7.
——— *electricus*: *joyeuxi* n. subsp. Léger et Duboscq. 12.

Harpaphe n. gen. [Diplopoda]. Cook. 7.

HETEROLATZELIA [Diplopoda].
——— *silvatica*. Attems. 1.

HIMANTARIUM [Chilopoda],
——— *brölemanni*. Léger et Duboscq. 12.

Hybaphe n. gen. [Diplopoda]. Cook. 7.
——— *curtipes*. Cook. 7.
——— *tersa*. Cook. 7.

Hylopachyjulus n. subgen. [Diplopoda]. Attems. 1.

Hypozonium n. gen. [Diplopoda]. Cook. 7.
——— *anurum*. Cook. 7.

Isaphe n. gen. [Diplopoda]. Cook. 7.
——— *convexa*. Cook. 7.

JULUS [Diplopoda].
——— *apenninorum* var. *segregatus* n. var. Léger et Duboscq. 12.
——— *fimbriatus*. Attems. 1.
——— *rebeli*. Attems. 1.

LAMYCTES [Chilopoda].
——— *fulvicornis* var. *hawaiiensis* n. var. Silvestri. 19.
——— *heterotarsus*. Silvestri. 19.

LEIODESMUS [Diplopoda].
——— *carcani*. Silvestri. 17.
——— *orlandi*. Silvestri. 17.

LEPTODESMUS [Diplopoda].
——— *corniger*. Brölemann. 5.

LITHOBIUS [Chilopoda].
——— *blanchardi*. Léger et Duboscq. 12.
——— *cacodontus*. Attems. 2.
——— *jugorum*. Attems. 2.
——— *nodulipes* var. *nicoensis* n. var. Brölemann. 6.
——— *nudicornis*: *corsicus* n. subsp. Léger et Duboscq. 12.

Mecistocephalus [Chilopoda].
——— *edentulus*. Attems. 2.

Nanostreptus [Diplopoda].
——— *mattogrossensis*. Silvestri. 17.
——— *piraynus*. Silvestri. 17.

Newportia [Chilopoda].
——— *amazonica*. Brölemann. 5.
——— *bicegoi*. Brölemann. 5.

Notophilides [Chilopoda].
——— *grandis*. Brölemann. 5.

Onychelus n. gen. [Diplopoda]. Cook. 7.
——— *robustus*. Cook. 7.

Orthoporus [Diplopoda].
——— *heterogona*. Silvestri. 17.

Pachyjulus [Diplopoda].
——— *pygmaeus*. Attems. 1.

Parajulus [Diplopoda].
——— *alaskanus*. Cook. 7.

Parascutigera n. gen. [Chilopoda]. Verhoeff. 26.
——— *dahli*. Verhoeff. 26.

Plusiopurus [Diplopoda].
——— *gigliotosi*. Silvestri. 17.

Polydesmus [Diplopoda].
——— *almassyi*. Attems. 2.
——— *stammeri*. Attems. 2.
——— *strongylosomoides*. Attems. 2.

Polyxenus [Diplopoda].
——— *hawaiiensis*. Silvestri. 19.

Pselliophora n. gen. [Chilopoda]. Verhoeff. 26.
——— *annuligera*. Verhoeff. 26.
——— *pulchritarsis*. Verhoeff. 26.

Pseudonannolene [Diplopoda].
——— *abbreviata*. Silvestri. 17.
——— *auguralis*. Silvestri. 17.
——— *brevis*. Silvestri. 17.
——— *centralis*. Silvestri. 17.
——— *exilio*. Brölemann. 5.
——— *meridionalis*. Silvestri. 17.
——— *parvula*. Silvestri. 17.
——— *rocana*. Silvestri. 17.

Sandalodesmus n. gen. [Diplopoda]. Silvestri. 17.
——— *bertonii*. Silvestri. 17.

Schendyla [Chilopoda].
——— *montana* var. *monoeci* n. var. Brölemann. 6.
——— *paulista*. Brölemann. 5.
——— *vizzavonae*. Léger et Duboscq. 12.

Schizophyllum [Diplopoda].
——— *corsicum*. Léger et Duboscq. 12.

Sphendononema n. gen. [Chilopoda]. Verhoeff. 26.
——— *camerunense*. Verhoeff. 26.

Stigmatogaster [Chilopoda].
——— *arcis-herculis*. Brölemann. 6.

Thereuonema n. gen. [Chilopoda]. Verhoeff. 26.
——— *amokiana*. Verhoeff. 26.

Thereuopoda n. subgen. [Chilopoda]. Verhoeff. 26.

Tianella n. gen. [Diplopoda]. Attems. 2.
——— *fastigata*. Attems. 2.

Tylobolus n. gen. [Diplopoda]. Cook. 7.
——— *deses*. Cook. 7.

Xystocheir n. gen. [Diplopoda]. Cook. 7
——— *acuta*. Cook. 7.
——— *obtusa*. Cook. 7.

3603-3631.

APTERA (or APTERYGOGENEA). ANOPLURA. MALLOPHAGA THYSANOPTERA (or PHYSOPODA). SIPHONAPTERA (or APHANIPTERA).

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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3607 STRUCTURE.

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Escherich, K[arl]. 13. Das System der Lepismatiden.

Filipčenko, Ju. A. 14. Zur Anatomie der *Campodea staphylinus* Westw. (Russ.)

Lass, Max. 21. Beiträge zur Kenntnis des histologisch-anatomischen Baues des weiblichen Hundeflohes (*Pulex canis* Dugès s. *serraticeps* Taschenberg.) [3631].

Silvestri, Filippo. 30. Materiali per lo studio dei Tisanuri. I. Circa alcuni caratteri morfologici del *Projapyx* e loro importanza filogenetica.

Comparative Anatomy.

Verhoeff, Karl. W. 33. Zur vergleichenden Morphologie und Systematik der Japygiden, zugleich 2. Aufsatz über den Thorax der Insekten.

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Cholodkovsky, N[ikolaj]. 9. Zur Kenntnis der Mundwerkzeuge und Systematik der Pediculiden.

Special Glands.

Hoffmann, R[ichard] W. 18. Ueber den Ventraltubus von *Tomocerus plumbeus* L. und seine Beziehungen zu den grossen unteren Kopfdrüsen. Ein Beitrag zur Kenntnis der Collembolen.

Organs of Uncertain Nature.

Hoffmann, R[ichard.] W. 18. Ueber den Ventraltubus von *Tomocerus plumbeus* L. und seine Beziehungen zu den grossen unteren Kopfdrüsen. Ein Beitrag zur Kenntnis der Collembolen.

3615 DEVELOPMENT.

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3619 ETHOLOGY.

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Froggatt, Walter W. 17. *Idolothrips*, notes on the development and ethology.

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Ludwig, F[riedrich]. 22. Phosphorescirende Collembolen.

HABITAT.

Absolon, Karl. 1. Studien an Höhlenthysanuren. (Čechisch.)

Tolf, Rob[ert]. 32. Thrips (*Aptinothrips rufa* Hol.) in grass on boggy ground. (Swedish.)

PARASITISM.

Enderlein, Günther. 11. *Lepidophthirus* [!] nov. gen., eine Laus der Elephantenrobbe von der Kerguelen-Insel. 6. Beitrag zur Kenntnis der antarktischen Fauna.

SYMBIOSIS.

Reuter, O[do] M[oranna]. 23. Ein neues Warmhaus-Thysanopteron.

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UTILITY AND HARMFULNESS.

Webster, F. M. 38. The onion thrips *Thrips tabaci* Lindem.

3623 VARIATION AND ÆTIOLOGY.

GENERAL.

Silvestri, Filipo. 30. Materiali per lo studio dei Tisanuri I. Circa alcuni caratteri morfologici del *Projapyx* e loro importanza filogenetica.

3627 GEOGRAPHICAL DISTRIBUTION.

d EUROPE.

da SWEDEN.

Ågren, Hugo. 2. Diagnosen einiger neuen Achorutiden aus Schweden.

Axelson, Walter M. 3. Verzeichniss einiger bei Golaa, im südöstlichen Norwegen eingesammelten Collembolen.

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Chelchowski, St[anisław]. 8. *Degeeria nivalis* L. (Polish.)

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Absolon, Karl. 1. Studien an Höhlenthysanuren. (Čechisch.)

Csiki, Ernő. 10. Die Läuse. (Ungarisch.)

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f AFRICA.

fb N. E. AFRICA.

Rothschild, *Hon.* N. C. 26. New species of Siphonaptera from Egypt.

Wahlgren, Einar. 36. Zwei neue Puliciden aus Ägypten.

Wasmann, E[rich]. 37. Termitophilen aus dem Sudan. Determiniert und beschrieben, unter Mitwirkung von Aug. Forel, K. Escherich und G. Breddin. (139. Beitrag zur Kenntnis der Myrmekophilen und Termitophilen).

g NORTH AMERICA.

Baker, Carl F. 4. A revision of American Siphonaptera, or fleas, together with a complete list and bibliography.

ga ALASKA.

Folsom, Justus Watson. 15. Apterygota of Alaska.

h CENTRAL AND SOUTH AMERICA AND WEST INDIES.

Silvestri, F. 30. Materiali per lo studio dei Tisanuri. V. Tisanuri trovati da altri e da me nell'America meridionale.

hi ARGENTINA.

Rothschild, N. C. 27. Description of a new species of Siphonaptera from S. America.

i AUSTRALASIA.

ic AUSTRALIA AS A WHOLE.

Froggatt, Walter W. 17. Studies on Australian Thysanoptera: the genus *Idolothrips* Haliday.

l ATLANTIC.

lb CAPE VERDE ISLANDS.

Silvestri, Filippo. 30. Materiali per lo studio dei Tisanuri. IV. Una nova *Lepisma* (*L. pulchella* n. sp.) delle isole del Capo Verde.

n PACIFIC.

nd SANDWICH ISLANDS.

Carpenter, G. H. 6. Collembola from Hawaii.

Silvestri, F. 31. Thysanura of Hawaii.

o ANTARCTIC.

oc KERGUELEN ISLANDS.

Enderlein, Günther. 11. *Lepidophthirus* [!], nov. gen., eine Laus der Elephantenrobbe von der Kerguelen-Insel. 6. Beitrag zur Kenntnis der antarktischen Fauna.

3631 TAXONOMY AND SYSTEMATIC.

APTERA.

GENERAL.

Carpenter, D. H. Aptera. *In*: Annandale, N. Contributions to terrestrial zoology of the Faroes. Pt. I. Edinburgh, Proc. R. Physic. Soc., **1902–1904**, (153–160).

Csiki, E. Die Läuse. (Ungarisch) Rovart. L., Budapest, **11**, 1904, (177–184).

Folsom, J. W. Apterygota of Alaska. [With bibliography.] [Reprinted from Washington, D.C., Proc. Acad. Sci., **4**, 1902, (87–116, with pl.).] Alaska [Harriman Expedition]. New York, **8**, 1904, (83–114, with pl.).

THYSANURA.

GENERAL.

Absolon, K. Studien an Höhlenthysanuren. (Čechisch) Prostějov, Věstn. Kl. Přírod., **3**, 1901, (83–117, mit 2 Taf.).

Escherich, K. Das System der Lepismatiden. Zoologica, Stuttgart, H. **43** (=Bd 18, Lfg 1–2), 1904, (1–164, mit 4 Taf.).

Silvestri, Filippo. Tisanuri trovati da altri e da me nell'America meridiolena. Firenze, Boll. Soc. entom., **33**, (1901), 1902, (229–247, con 6 fig.).

Verhoeff, K. W. Zur vergleichenden Morphologie und Systematik der Japygiden, zugleich 2. Aufsatz über den Thorax der Insekten. Arch. Natg., Berlin, **70**, Bd 1, 1904, (63–114, mit 3 Taf.).

SPECIAL.

Acrotelsa n. gen., *A. gigantea*, *A. producta*, *A. impudica* nn. spp. **Escherich**, K. Zoologica, Stuttgart, H. **43**, (=Bd 18, Lfg 1–2), 1904, (1–164).

Atelura nn. spp. **Escherich**, K. *l.c.* (1–164); *A. sudanensis* n. sp. Sudan. **Escherich**, K. v. Wasmann, E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (20).

Braunsina n. gen., *B. grassii*, *B. heymonsi* nn. spp. **Escherich**, K. Zoologica, Stuttgart, H. **43**, (= Bd 18, Lfg 1–2), 1904, (1–164).

Campodea staphylinus, Anatomie. **Filipčenko**, J. St. Peterburg, Trav. Soc. Nat., **35**, 1904, (440–454); deutsches Rés., (455–456).

Ctenolepisma n. gen., *C. michaëlseni*, *C. longicaudata*, *C. versluysii*, *C. grandipalpis*, *C. weberi*, *C. albida*, *C. transcaspica*, *C. kraepelini* nn. spp. **Escherich**, K. Zoologica, Stuttgart, H. **43**, (= Bd 18, Lfg 1-2), 1904, (1-164).

Eutrichocampa nn. spp. America meridionale. **Silvestri**, F. Firenze, Boll. Soc. entom., **33**, trimestre, 3-4, (1901), 1902, (229-247, con 6 fig.).

Heterolepisma n. gen. **Escherich**, K. Zoologica, Stuttgart, H. **43**, (= Bd 18, Lfg 1-2), 1904, (1-164).

Isolepisma n. gen., *I. trisetosa* n. sp. **Escherich**, K. *l.c.* (1-164).

Japyx nn. spp. **Verhoeff**, K. W. Arch. Natg., Berlin, **70**, Bd 1, 1904, (63-114, mit 3 Taf.); *J.* nn. spp. **Silvestri**, F. Firenze, Boll. Soc. entom., **33**, (trimestre 3°-4°), (1901), 1902, (212-222, con 21 fig.); *J. sharpi* n. sp. Kauai. **Silvestri**, F. Fauna Hawaiiensis, Cambridge, **3**, 1904, (293, pl. VIII, figs. 1, 2).

Lepidospora n. gen., *L. braueri*, *L. gracilis* nn. spp. **Escherich**, K. Zoologica, Stuttgart, H. **43**, (=Bd 18, Lfg 1-2), 1904, (1-164).

Lepisma nn. spp. **Escherich**, K. *l.c.* (1-164); *L.* nn. spp. America meridionale. **Silvestri**, F. Firenze, Boll. Soc. entom., **33**, trimestre 3-4, (1901), 1902, (229-247, con 6 fig.); *L. hawaiiensis* n. sp. Kauai. **Silvestri**, F. Fauna Hawaiiensis, Cambridge, **3**, 1904, (296, pl. VIII, fig. 19); *L. pulchella* n. sp. delle isole del Capo Verde. **Silvestri**, F. Firenze, Boll. Soc. entom., **33**, trimestre 3°-4°, (1901), 1902, (227-229).

Lepismina persica n. sp. **Escherich**, K. Zoologica, Stuttgart, H. **43**, (=Bd 18, Lfg 1-2), 1904, (1-164).

Machilis nn. spp. America meridionale. **Silvestri**, F. Firenze, Boll. Soc. entom., **33**, trimestre 3-4, (1901), 1902, (229-247, con 6 fig.); *M.* nn. spp. Kauai. **Silvestri**, F. Fauna Hawaiiensis, Cambridge, **3**, 1904, (294-295).

Nicoletia nn. spp. **Silvestri**, F. Firenze, Boll. Soc. entom., **33**, trimestre 3°-4°, (1901), 1902, (223-227, con 6 fig.); *N. grassii* n. nom. = *N. phytophila* Grassi-Rov. **Escherich**, K. Zoologica, Stuttgart, H. **43**, (= Bd 18, Lfg 1-2), 1904, (1-164).

Projapyx, circa alcuni caratteri morfologici e loro importanza filogenetica. **Silvestri**, F. Firenze, Boll. Soc. entom., **33**, (trimestre 3°-4°), (1901), 1902, (204-212, con 15 fig.).

Silvestrella n. gen., *S. termitophila*, *S. myrmecophila* nn spp. **Escherich**, K. Zoologica, Stuttgart, H. **43**, (= Bd 18, Lfg 1-2), 1904, (1-164).

Thermobia longimana n. sp. **Escherich**, K. *l.c.* (1-164).

COLLEMBOLA.

General.

Axelson, W. M. Verzeichniss einiger bei Golaa, im südöstlichen Norwegen eingesammelten Collembolen. Entomol. Tidskr., Stockholm, **25**, 1904, (65-84).

Special.

Achorutes nivalis n. sp. Sweden. **Ågren**, H. Entomol. Tidskr., Stockholm, **24**, 1903, (126); *A. propinquus* n. sp. Edinburgh. **Carpenter**, G. H. and **Evans**, W. Edinburgh, Proc. R. Physic. Soc., **15**, 1904, (217, pl. IV, figs. 10-14).

Brachystomella n. gen., *B. maritima* n. sp. Sweden. **Ågren**, H. Entomol. Tidskr., Stockholm, **24**, 1903, (127).

Degeeria nivalis L. in Poland. **Chełkowski**, S. Wszechświat, Warszawa, **23**, 1904, (172).

Isotoma intermedia n. sp. Sweden. **Schött**, H. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 2, 1902, (25-26, with pl.); *I. perkinsi* n. sp. Kauai. **Carpenter**, G. H. Fauna Hawaiiensis, Cambridge, **3**, 1904, (302, pl. IX, figs. 17-19).

Lepidocyrtus heterophthalmus n. sp. Hawaii. **Carpenter**, G. H. *l.c.* (300, pl. IX, fig. 1); *L. ruber* n. sp. Sweden. **Schött**, H. Stockholm, Vet.-Ak. Bih., Afd. IV, **28**, No. 2, 1902, (31-33, with pl.).

Neanura citronella n. sp. **Carpenter**, G. H. Fauna Hawaiiensis, Cambridge, **3**, 1904, (303, pl. IX, figs. 20-27).

Odontella suecica n. sp. Sweden. **Agren**, H. Entomol. Tidskr., Stockholm, **24**, 1903, (128).

Onychiurus affinis n. sp. Sweden. **Ågren**, H. *l.c.* (128).

Pseudachorutes nn. spp. Sweden. **Schött,** H. Stockholm, Vet.-Ak. Bih., Afd. IV, **28,** No. 2, 1902, (13-15, with pl.); *P. silvaticus* n. sp. Sweden. **Ågren,** H. Entomol. Tidskr., Stockholm, **24,** 1903, (127–128).

Pseudosinella sexoculata n. sp. Sweden. **Schött,** H. Stockholm, Vet.-Ak. Bih., Afd. IV, **28,** No. 2, 1904, (34–35, with pl.).

Schöttella nn. spp. Sweden. **Schött,** H. *l.c.* (10–12, with pl.).

Tomocerus plumbeus L., Ventraltubus und Beziehungen zu den grossen unteren Kopfdrüsen. Ein Beitrag zur Kenntnis der Collembolen. **Hoffmann,** R. W. Zool. Anz., Leipzig, **28,** 1904, (87–116).

Xenylla pallida n. sp. Sweden. **Ågren,** H. Entomol. Tidskr., Stockholm, **24,** 1903, (126–127).

ANOPLURA.

General.

Cholodkovsky, N. Zur Kenntnis der Mundwerkzeuge und Systematik der Pediculiden. Zool. Anz., Leipzig, **28,** 1904, (368–370).

Enderlein, G. Läuse-Studien. Ueber die Morphologie, Klassifikation und systematische Stellung der Anopluren nebst Bemerkungen zur Systematik der Insektenordnungen. *l.c.* (121–147, 220–223).

Special.

Haemodipsus n. gen. **Enderlein,** G. Zool. Anz., Leipzig, **28,** 1904, (143).

Hoplopleura n. gen. (~ *Haematopinus*). **Enderlein,** G. *l.c.* (221).

Lepidophthirus n. gen. Kerguelen-Insel. **Enderlein,** G. *l.c.* (43–47).

Polyplax n. gen. **Enderlein,** G. *l.c.* (142).

Solenopotes n. gen., *S. capillatus* n. sp. **Enderlein,** G. *l.c.* (143–144).

Trichaulus n. gen. **Enderlein,** G. *l.c.* (141).

THYSANOPTERA.

Acanthothrips spp. **Franklin,** H. J. Psyche, Cambridge, Mass., **10,** 1903, (221–223).

Aptinothrips rufa, in grass on boggy ground. **Tolf,** R. Sv. Mosskult. Tidskr., Jönköping, **17,** 1903, (443–444).

Idolothrips, notes on the genus. **Froggatt,** W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (54–57, with 1 pl.).

Leucothrips n. gen., *L. nigripennis* n. sp. **Reuter,** O. M. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30,** 1904, (106–109).

Physopus tenuicornis an Hafer. **Hollrung,** [M.] Natw. Zs. Landw., Stuttgart, **1,** 1903, (200–201).

Thrips tabaci. **Webster,** F. M. Quarterly Journal of Proceedings, Columbus, Ohio, **16,** 1901, (74–80, with pl.).

SIPHONAPTERA.

General.

Baker, F. A revision of American Siphonaptera, or fleas, together with a complete list and bibliography of the group. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27,** 1904, (365–469, with 17 pls.). Separate. 24.5 cm.

Rothschild, *Hon.* N. C. Further contributions to the knowledge of the Siphonaptera. Nov. Zool., Tring, **11,** 1904, (602–653, pls. VII–XVI).

Semenov, A. Sur la position dans le système des *Pulicidae* (Aphaniptera s. Siphonaptera auctorum). Rev. russ. ent., Jaroslavlĭ, **4,** 1904, (277–288).

Special.

Anomiopsyllus n. gen., type *Typhlopsylla nudata* Baker. **Baker,** C. F. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27,** 1904, (425).

Ceratophyllus nn. spp. America. **Baker,** C. F. *l.c.* (390–413); *C.* nn. spp. **Rothschild,** *Hon.* N. C. Nov. Zool., Tring, **11,** 1904, (622–638); *C.* nn. spp. **Wahlgren,** E. Ark. Zool., Stockholm, **1,** 1–2, 1903, (182–185, with pl.); *C. henleyi* n. sp. Egypt. **Rothschild,** *Hon.* N. C. Entomologist, London, **1904,** (3).

Ceratopsylla consimilis n. sp. Ägypten. **Wahlgren,** E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (4, with pl.);

C. palposus n. sp. Brit. Columbia. **Rothschild,** *Hon.* N. C. Nov. Zool., Tring, **11,** 1904, (652); *C. signata* n. sp. Java. **Wahlgren,** E. Ark. Zool., Stockholm, **1,** 1-2, 1903, (189-190, with pl.); *C. wolffsohni* n. sp. Paraguay. **Rothschild,** N. C. Rev. chilena, Valparaiso, **8,** 1904, (147-148).

Chaetopsylla mikado n. sp. Japan. **Rothschild,** *Hon.* N. C. Nov. Zool., Tring, **11,** 1904, (645, pl. XIV, fig. 76).

Ctenophthalmus genalis nn. spp. America. **Baker,** C. F. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27,** 1904, (421-424); *C. pseudagyrtes*, characters; nn. spp. **Rothschild,** *Hon.* N. C. Nov. Zool., Tring, **11,** 1904, (641-643, pl. XIV, figs. 73, 78; pl. XV, fig. 81).

Ctenopsyllus nn. spp. **Rothschild,** *Hon.* N. C. *l.c.* (646-652); *C. hesperomys* n. sp. America. **Baker,** C. F. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27,** 1904, (428).

Lycopsylla n. gen. near *Pulex*, *L. novus* n. sp. New South Wales. **Rothschild,** *Hon.* N. C. Nov. Zool., Tring, **11,** 1904, (602, pl. VII, figs. 1-4).

Malacopsylla = (*Megapsylla* Baker). **Rothschild,** *Hon.* N. C. *l.c.* (603); *M.* nn. spp. S. America. **Rothschild,** *Hon.* N. C. *l.c.* (604-606).

Megapsylla inermis n. sp. Argentina. **Wahlgren,** E. Ark Zool., Stockholm, **1,** 1-2, 1903, (194-195, with pl.).

Oncopsylla n. gen., type *Pulex vulpes* Ritsema. **Wahlgren,** E. *l.c.* (186-188).

Pulex. **Rivers,** J. J. Los Angeles, Bull. So. Cal. Acad. Sci., **2,** 1903, (118-120); *P.* nn. spp. America. **Baker,** C. F. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27,** 1904, (379-383); *P.* nn. spp. Egypt. **Rothschild,** *Hon.* N. C. Entomologist, London, **1904,** (3); *P.* nn. spp. **Rothschild,** *Hon.* N. C. Nov. Zool., Tring, **11,** 1904, (608-620, pls. VIII-X); *P. alternans* n. sp. Ägypten. **Wahlgren,** E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (4, with pl.); *P. canis* Dugés s. *serraticeps* Taschenberg. **Lass,** M. Diss. Berlin [Druck v. Wildgrube & Co.], 1904, (42); *P. vagabunda* Bohem. = *Ceratophyllus digitalis* Wahlgr. **Wahlgren,** E. Entomol. Tidskr., Stockholm, **24,** 1903, (219).

Typhloceras rosenbergi n. sp. Ecuador. **Rothschild,** *Hon.* N. C. Nov. Zool., Tring, **11,** 1904, (639, pl. XIII, figs. 68, 69, pl. XIV, figs. 71, 74).

Typhlopsylla monticolae n. sp. **Kohaut,** R. Budapest, Ann. Hist.-Nat. Mus. Nat. Hung., **2,** 1904, (87-89, av. 1 fig.); *T. tristis* to *Ceratophyllus.* **Rothschild,** *Hon.* N. C. Nov. Zool., Tring, **11,** 1904, (625, pl. XI, figs. 45, 47).

Vermipsylla strandi n. sp. Finnmarken. **Wahlgren,** E. Ark. Zool., Stockholm, **1,** 1-2, 1903, (190-191, with pl.).

Xestopsylla, n. gen., type *Sarcopsylla gallinacea* Westwood. **Baker,** C. F. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27,** 1904, (374).

LIST OF NEW GENERA AND SPECIES.

ACHORUTES [Collembola].
——— *nivalis.* Ågren. 2.
——— *propinquus.* Carpenter and Evans. 7.

Acrotelsa n. gen. [Thysanura]. Escherich. 13.
——— *gigantea.* Escherich. 13.
——— *impudica.* Escherich. 13.
——— *producta.* Escherich. 13.

Anomiopsyllus n. gen. [Siphonaptera]. Baker. 4.

ATELURA [Thysanura].
——— *anommatis.* Escherich. 13.
——— *desneuxi.* Escherich. 13.
——— *sudanensis.* Escherich. 37.
——— *wheeleri.* Escherich. 13.

Brachystomella n. gen. [Collembola]. Ågren. 2.
——— *maritima.* Ågren. 2.

Braunsina n. gen. [Thysanura]. Escherich. 13.
——— *grassii.* Escherich. 13.
——— *heymonsi.* Escherich. 13.

CERATOPHYLLUS [Siphonaptera].
——— *agrippinae.* Rothschild. 25.
——— *ahalae.* Rothschild. 25.
——— *alaskensis.* Baker. 4.
——— *alladinis.* Rothschild. 25.
——— *angulatus.* Wahlgren. 35.
——— *arctomys.* Baker. 4.
——— *asio.* Baker. 4.

CERATOPHYLLUS [Siphonaptera].
——— *californicus*. Baker. 4.
——— *canadensis*. Baker. 4.
——— *ciliatus*. Baker. 4.
——— *dentatus*. Baker. 4.
——— *digitalis*. Wahlgren. 35.
——— *dorippae*. Rothschild. 25.
——— *endymionis*. Rothschild. 25.
——— *eremicus*. Baker. 4.
——— *groenlandicus*. Wahlgren. 35.
——— *henleyi*. Rothschild. 26.
——— *hilli*. Rothschild. 25.
——— *idahoensis*. Baker. 4.
——— *labiatus*. Baker. 4.
——— *leucopus*. Baker. 4.
——— *lucidus*. Baker. 4.
——— *novaeguineae*. Rothschild. 25.
——— *numae*. Rothschild. 25.
——— *ochi*. Rothschild. 25.
——— *octavii*. Rothschild. 25.
——— *oculatus*. Baker. 4.
——— *perpinnatus*. Baker. 4.
——— *petiolatus*. Baker. 4.
——— *proximus*. Baker. 4.
——— *pseudarctomys*. Baker. 4.
——— *rectangulatus*. Wahlgren. 35.
——— *sexdentatus*. Baker. 4.
——— *stylosus*. Baker. 4.
——— *thomasi*. Rothschild. 25.
——— *tuberculatus*. Baker. 4.
——— *vison*. Baker. 4.
——— *wagneri*. Baker. 4.
——— *woodwardi*. Rothschild. 25.
——— *zethi*. Rothschild. 25.

CERATOPSYLLA [Siphonaptera].
——— *consimilis*. Wahlgren. 36.
——— *palposus*. Rothschild. 25.
——— *signata*. Wahlgren. 35.
——— *wolffsohni*. Rothschild. 27.

CHAETOPSYLLA [Siphonaptera].
——— *mikado*. Rothschild. 25.

Ctenolepisma n. gen. [Thysanura]. Escherich. 13.
——— *albida*. Escherich. 13.
——— *grandipalpis*. Escherich. 13.
——— *kraepelini*. Escherich. 13.
——— *longicaudata*. Escherich. 13.
——— *michaëlseni*. Escherich. 13.
——— *transcaspica*. Escherich. 13.
——— *verslnysii*. Escherich. 13.
——— *weberi*. Escherich. 13.

CTENOPHTHALMUS [Siphonaptera].
——— *antiquorum*. Rothschild. 25.
——— *genalis*. Baker. 4.
——— *pseudagyrtes*. Baker. 4.
——— *wenmanni*. Rothschild. 25.

CTENOPSYLLUS [Siphonaptera].
——— *aganippes*. Rothschild. 25.
——— *brooksi*. Rothschild. 25.
——— *granti*. Rothschild. 25.
——— *hesperomys*. Baker. 4.
——— *hygini*. Rothschild. 25.
——— *hyrtaci*. Rothschild. 25.

EUTRICHOCAMPA [Thysanura].
——— *chilensis*. Silvestri. 30.
——— *subterranea*. Silvestri. 30.

Haemodipsus n. gen. [Anoplura]. Enderlein. 12.

Heterolepisma n. gen. [Thysanura]. Escherich. 13.

Hoplopleura n. gen. [Anoplura]. Enderlein. 12.

Isolepisma n. gen. [Thysanura]. Escherich. 13.
——— *trisetosa*. Escherich. 13.

ISOTOMA [Collembola].
——— *intermedia*. Schött. 28.
——— *perkinsi*. Carpenter. 6.

JAPYX [Thysanura].
——— *anodus*. Silvestri. 30.
——— *braueri*. Verhoeff. 33.
——— *centralis*. Silvestri. 30.
——— *coreyraeus*. Verhoeff. 33.
——— *dolinensis*. Verhoeff. 33.
——— *graecus*. Verhoeff. 33.
——— *grassii*. Verhoeff. 33.
——— *megalocerus*. Silvestri. 30.
——— *neotropicalis*. Silvestri. 30.
——— *patagonicus*. Silvestri. 30.
——— *papuasicus*. Silvestri. 30.
——— *platensis*. Silvestri. 30.
——— *sharpi*. Silvestri. 31.
——— *tunisinus*. Silvestri. 30.

LEPIDOCYRTUS [Collembola].
——— *heterophthalmus*. Carpenter. 6.
——— *ruber*. Schött. 28.

Lepidophthirus n. gen. [Anoplura]. Enderlein. 11.

Lepidospora n. gen. [Thysanura]. Escherich. 13.
——— *braueri*. Escherich. 13.
——— *gracilis*. Escherich. 13.

LEPISMA [Thysanura].
——— *andina*. Silvestri. 30.
——— *globosa*. Escherich. 13.
——— *hawaiiensis*. Silvestri. 31.
——— *oudemansi*. Escherich. 13.
——— *pampeana*. Silvestri 30.
——— *persica*. Escherich. 13.
——— *pulchella*. Silvestri. 30.
——— *skorikowi*. Escherich. 13.

LEPISMINA [Thysanura].
——— *persica*. Escherich. 13.

Leucothrips n. gen. [Thysanoptera]. Reuter. 23.
——— *nigripennis*. Reuter. 23.

Lycopsylla n. gen. [Siphonaptera]. Rothschild. 25.
——— *novus*. Rothschild. 25.

MACHILIS [Thysanura].
——— *appendiculata*. Silvestri. 30.
——— *heteropus*. Silvestri. 31.
——— *pampeana*. Silvestri. 30.
——— *perkinsi*. Silvestri. 31.
——— *platensis*. Silvestri. 30.

MALACOPSYLLA [Siphonaptera].
——— *agenoris*. Rothschild. 25.
——— *androcli*. Rothschild. 25.

MEGAPSYLLA [Siphonaptera].
——— *inermis*. Wahlgren. 35.

NEANURA [Collembola].
——— *citronella*. Carpenter. 6.

NICOLETIA [Thysanura].
——— *armata*. Silvestri. 30.
——— *grassii* n. nom. Escherich. 13.
——— *neotropicalis*. Silvestri. 30.
——— *subterranea*. Silvestri. 30.

ODONTELLA [Collembola].
——— *suecica*. Agren. 2.

Oncopsylla n. gen. [Siphonaptera]. Wahlgren. 35.

ONYCHIURUS [Collembola].
——— *affinis*. Agren. 35.

Polyplax n. gen. [Anoplura]. Enderlein. 12.

PSEUDACHORUTES [Collembola].
——— *börneri*. Schött. 28.
——— *silvaticus*. Agren. 2.
——— *tuberculatus*. Schött. 28.

PSEUDOSINELLA [Collembola].
——— *sexoculata*. Schött. 28.

PULEX [Siphonaptera].
——— *affinis*. Baker. 4.
——— *alternans*. Wahlgren. 36.
——— *anomalus*. Baker. 4.
——— *australis*. Rothschild. 25.
——— *brasiliensis*. Baker. 4.
——— *cleophontis*. Rothschild. 25.
——— *cocyti*. Rothschild. 25.
——— *concilus*. Rothschild. 25.
——— *corfidii*. Rothschild. 25.
——— *creusae*. Rothschild. 25.
——— *eridas*. Rothschild. 25.
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3803-3831 ORTHOPTERA, NEUROPTERA, AND TRICHOPTERA.

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Calotermes nn. spp. Kamerun. **Sjöstedt**, Y. Entomol. Tidskr., Stockholm, **23**, 1902, (302); *C.* nn. spp. Africa. **Sjöstedt**, Y. Stockholm, Vet.-Ak. Handl.,

38, No. 4, 1904, (11–20, with pl.); *C. militaris* n. sp. Ceylon. **Desneux**, J. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (146); *C. wagneri* n. sp. Brézil. **Desneux**, J. *l.c.* (286–287).

Eutermes nn. spp. Africa. **Sjöstedt**, Y. Entomol. Tidskr., Stockholm, **23**, 1902, (40, 303–304); *E.* nn. spp. Africa. **Sjöstedt**, Y. Stockholm, Vet.-Ak. Handl., **38**, No. 4, 1904, (77–110, with pl.); *E.* nn. spp. **Trägårdh**, I. *In*: Res. exped. Egypt, Uppsala, Pt. 1, 1904, (23–33); *E. usambarensis* n. sp. Usambara. **Sjöstedt**, Y. Entomol. Tidskr., Stockholm, **24**, 1903, (76).

Hodotermes nn. spp. **Jacobson**, G. G. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9**, 1–2, 1904, (57–107, av. 17 figs.); Trd. B. entom. Učen. Kom. M. Zeml., St. Peterburg, **4**, 8, 1904, (54, av. 17 figs.).

Rhinotermes taurus n. sp. Surinam. **Desneux**, J. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (146–147).

Termes nn. spp. Amérique méridionale. **Desneux**, J. *l.c.* (287–288); *T.* nn. spp. Africa. **Sjöstedt**, Y. Stockholm, Vet.-Ak. Handl., **38**, No. 4, 1904, (47–73, with pl.); *T. affinis* n. sp. Sudan. **Trägårdh**, I. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (20–23); *T.* nn. spp. Annam, Camerun; *T. desertorum*, description. **Desneux**, J. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (147–149); *T. terricola* n. sp. Kamerun. **Sjöstedt**, Y. Entomol. Tidskr., Stockholm, **23**, 1902, (252); *T. transvaalensis* n. sp. Transvaal. **Sjöstedt**, Y. *l.c.* (302–303).

Termopsis wroughtoni n. sp. Kashmir Valley. **Desneux**, J. Bombay, J. Nat. Hist. Soc., **15**, 1904, (445–446).

PSOCIDAE.

General.

Enderlein, G. Die von Hrn. Prof. Dr. Friedr. Dahl im Bismarck-Archipel gesammelten Copeognathen, nebst Bemerkungen über die physiologische Bedeutung des Stigmasackes. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (105–112, mit 1 Taf.).

Special.

Coecilius minutus n. sp. Finland. **Reuter**, O. M. Helsingfors, Acta Soc. Fauna et Fl. Fenn., **26**, 1904, (1–26).

Hermineura fusca n. sp. Finland. **Reuter**, O. M. *l.c.* (3).

Leptodella n. gen., *L. fuscipes* n. sp. Finland. **Reuter**, O. M. *l.c.* (8–14).

Nymphopsocus destructor Enderl. 1903. **Enderlein**, G. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (727–732, mit 1 Taf.).

Reuterella Enderl. n. gen., *R. helvimacula* n. sp. Finland. **Reuter**, O. M. Helsingfors, Acta Soc. Fauna et Fl. Fenn., **26**, 1904, (1–26); *R. helvimacula* Enderl. n. var. **Schille**, F. Zool. Anz., Leipzig, **27**, 1904, (475–476).

Sva n. gen., *S. dahliana* n. sp. Bismarck-Archipel. **Enderlein**, G. Zool. Jahrb., Jena, **20**, 1904, (109–110).

PERLIDAE.

General.

Klapálek, F. Plecopteren. (Ergebnisse der Hamburger Magalhaensischen Sammelreise. Lfg 7. No. 5.) Hamburg (L. Friederichsen & Co.), 1904, (13).

——— Ueber die europaeischen Arten der Fam. *Dictyopterygidae*. (Čechisch) Prag, Rozpr. České Ak. Frant. Jos., **13**, 17, 1904, (10).

Special.

Arcynopteryx doorensis Mort., morpholog. Studie des äussern Geschlechtsorgans ♂. **Klapálek**, F. Prag, Čas. České Spol. Entomolog., **1**, 1904, (104–106).

Dyadozoarium† n. gen., *D. pachypus*† n. sp. Permformation Russlands. **Handlirsch**, A. St. Peterburg, Mem. Ac. Sc., (Ser. 8), **16**, 5, 1904, (7).

Gripopteryx nn. spp. **Klapálek**, F. Hamburger Magalhaen. Sammelreise, **1904**, (13).

EPHEMERIDAE.

Slade. *Ephemeridae* re-entering water. Ent. Mag., London, **40**, 1904, (15).

Special.

Dyadentomum† n. gen., *D. permense*† n. sp. **Handlirsch**, A. St. Peterburg, Mem. Ac. Sc., (Ser. 8), **16**, 5, 1904, (7).

Phthartus† n. gen., *P. netschajevi*†, *P. rossicus*† nn. spp. Permformation Russlands. **Handlirsch**, A. *l.c.* (6).

Thnetus† n. gen., *T. stuckenbergi* n. sp. Permformation Russlands. **Handlirsch**, A. *l.c.* (7).

ODONATA.

General.

Calvert, P. P. On some American Gomphinae (Odonata). Reprinted from Philadelphia, Pa., Ent. News Acad. Nat. Sci., Amer. Ent. Soc., **14**, 1903, (183–192, with 1 pl.) *in* Philadelphia, Univ. Pa., Cont. Zool., Lab., **10**, (1903), 1904, (183–192, with 1 pl.).

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Kennedy, C. H. A list of the dragon-flies of Winona lake. Bloomington, Cont. Zool. Lab., Indiana Univ., No. **53**; Indianapolis, Ind. Proc. Acad. Sci., **1902**, 1903, (159–164).

Needham, J. G. Some hitherto unknown nymphs of Odonata from New Mexico. Psyche, Cambridge, Mass., **10**, 1903, (134–139).

——— and **Hart**, C. A. The dragon-flies (Odonata) of Illinois, with descriptions of the immature stages. Part. 1. *Petaluridae*, *Aeschnidae* and *Gomphidae*. [With bibliography.] Urbana, Bull. Ill. Lab. Nat. Hist., **6**, 1903, (1–94, with pl.).

Ris, F. Odonaten. (Ergebnisse der Hamburger Magalhaensischen Sammelreise. Lfg 7. No. 3.) Hamburg (L. Friederichsen & Co.), 1904, (44).

Sjöstedt, Y. Odonata. (Swedish) (Svensk insektfauna, 3: 1.) Entomol. Tidskr., Stockholm, **23**, 1902, (1–27, with pl.).

Strand, E. Note on some Odonata. (Norw.) *l.c.* (198).

Special.

Acanthagrion ambiguum n. sp. **Ris**, F. Hamburger Magalhaensische Sammelreise, Lfg 7, No. 3, 1904, (13).

Agrion armatum, characters. **Lucas**, W. J. Entomologist, London, **1904**, (33, pl. III, figs. 2–5); *A. elegantulum* Zett., examination of type specimens. **Sjöstedt**, Y. Entomol. Tidskr., Stockholm, **23**, 1902, (235–238).

Anax junius, spermatogenesis. **McGill**, C. Columbia, Univ. Mo. Stud., **2**, 1904, (4 l + 15, with pl.).

Antiagrion n. gen. for *Agrion cayi* n. *blanchardi*. **Ris**, F. Hamburger Magalhaensische Sammelreise, Lfg 7, No. 3, 1904, (7).

Argia spp. **Kennedy**, C. H. Bloomington, Cont. Zool. Lab., Indiana Univ., No. **53**; Indianapolis, Ind. Proc. Acad. Sci., **1902**, 1903, (164–169, with text fig.).

Diaphlebia nexans n. sp. **Calvert**, P. P. Reprinted from Philadelphia, Pa., Ent. News Acad. Nat. Sci., Amer. Ent. Soc., **14**, 1903, (183–192, with 1 pl.), *in* Philadelphia, Univ. Pa., Cont. Zool. Lab., **10**, (1903), 1904, (183–192, with 1 pl.).

Epigomphus nn. spp. America. **Calvert**, P. P. *l.c.* (183–192, with 1 pl.), *in* Philadelphia, Univ. Pa., Cont. Zool. Lab., **10**, (1903), 1904, (183–192, with 1 pl.).

Epiophlebia n. nom. (= *Palaeophlebia* de Selys not Brauer). **Calvert**, P. P. Philadelphia, Pa., Ent. News Acad. Nat. Sci., **14**, 1903, (208–209).

Ischnura elegans var. **Campion**, F. and H. Entomologist, London, **1904**, (252).

Lestes viridis ♂, appendages. **Lucas**, W. J. *l.c.* (33, pl. III, fig. 6).

Micrathyria pallida n. sp. United States National Museum. **Needham**, J. G. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (710).

Oxyagrion saliceti n. sp. **Ris**, F. Hamburger Magalhaensischen Sammelreise, Lfg 7, No. 3, 1904, (9).

Protoneura peramans n. sp. **Calvert**, P. P. Amer. Nat., Boston, Mass., **38**, 1904, (497).

Somatochlora provocans n. sp. **Calvert**, P. P. [Reprint from Philadelphia, Pa., Ent. News Acad. Nat. Sci., Amer. Ent. Soc., **14**, 1903, (33–40, with 1 pl.)], *in* Philadelphia, Cont. Zool. Lab. Univ. Pa., **10**, (1903), 1904, (33–40, with 1 pl.).

Telagrion? daeckii n. sp. New Jersey. **Calvert**, P. P. *l.c.* (33–40, with 1 pl.), *in* Philadelphia, Univ. Pa., Cont. Zool. Lab., **10**, (1903), 1904, (33–40, with 1 pl.).

TRICHOPTERA.

Banks, N. Neuropteroid insects of the expedition. [Reprinted from Washington, D.C., Proc. Acad. Sci., **2**, 1900, (465–476, with pl.)] Alaska (Harriman Expedition), edited by C. Hart Merriam, New York, **8**, 1904, (155–168, with pl.).

Silfvenius, A. J. Über die Metamorphose einiger Hydropsychiden. II. Helsingfors, Acta Soc. Fauna et Fl. Fenn., **26**, 1904, (1–14, mit 1 Taf.).

——— Über die Metamorphose einiger Hydroptiliden. *l.c.* (1–38, mit 2 Taf.).

——— Für die finnische Fauna neue Trichopteren. (Finnisch) Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (8–9).

Thienemann, A. Die Putzapparate der Trichopterenpuppen. (Vorl. Mitt.) Zool. Anz., Leipzig, **27**, 1904, (724–728).

Ulmer, G. Ueber westafrikanische Trichopteren. Zool. Anz., Leipzig, **28**, 1904, (353–359).

——— Trichopteren. (Ergebnisse der Hamburger Magalhaensischen Sammelreise. Lfg 7. No. 6.) Hamburg (L. Friederichsen & Co.), 1904, (26, mit 2 Taf.).

——— Über die Metamorphose der Trichopteren. Hamburg, Abh. natw. Ver., **18**, 1903, (1–154, mit 4 Taf.).

Special.

Adicella filicornis, early stages. **Morton**, K. J. Ent. Mag., London, **40**, 1904, (82–84).

Anabolia spinosa n. sp. **Ulmer**, G. Hamburger Magalhaensische Sammelreise, Lfg 7, No. 6, 1904, (11).

Apatania tripunctata n. sp. Alaska. **Banks**, N. Alaska (Harriman Expedition), New York, **8**, 1904, (155–168, with 1 pl.).

Asynarchus nn. spp. Alaska. **Banks**, N. *l.c.* (155–168, with pl.).

Glossosoma alascensis n. sp. Alaska. **Banks**, N. *l.c.* (155–168, with 1 pl.).

Halesus (?) *alascensis* n. sp. Alaska. **Banks**, N. *l.c.* (155–168, with pl.).

Hyalopsyche n. gen. (*Polycentropinae*), *H. palpata* n. sp. West Afrika. **Ulmer**, G. Zool. Anz., Leipzig, **28**, 1904, (353–359).

Hydropsyche sexfasciata n. sp. Kamerun. **Ulmer**, G. Ark. Zool., Stockholm, **1**, 1904, (421–423, with pl.).

Hydroptila cintrana n. sp. Portugal. **Morton**, K. J. London, Trans. Ent. Soc., **1904**, (324).

Leptocerus excisus n. sp. Western Finland. **Morton**, K. J. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (67–69).

Limnephilus nn. spp. Alaska and Bering Sea. **Banks**, N. Alaska, (Harriman Expedition), New York, **8**, 1904, (155–168, with 1 pl.).

Limnophilus nn. spp. **Ulmer**, G. Hamburger Magalhaensische Sammelreise, Lfg 7, No. 6, 1904, (7–10).

Macronema sjöstedti n. sp. Kamerun. **Ulmer**, G. Ark. Zool., Stockholm, **1**, 1904, (419–421, with pl.).

Neuronia clathrata, Metamorphosis. **Struck**, R. Lübeck, Mitt. geogr. Ges., 2. Reihe, **19**, 1904, (1–7).

Nyctiophylax occidentalis n. sp. West Afrika. **Ulmer**, G. Zool. Anz., Leipzig, **28**, 1904, (355).

Oestropsis bipunctata Brauer. Kamerun. Beschreibung des Männchens. **Ulmer**, G. Ark. Zool., Stockholm, **1**, 1904, (413–416).

Oxyethira mirabilis n sp. Scotland. **Morton**, K. J. London, Trans. Ent. Soc., **1904**, (327).

Protomacronema n. gen., *P. pubescens* n. sp. Kamerun. **Ulmer**, G. Ark. Zool., Stockholm, **1**, 1904, (416–419, with pl.); *P. hyalinum* n. sp. West Afrika. **Ulmer**, G. Zool. Anz., Leipzig, **28**, 1904, (354).

Ptilocolepus granulatus Pt., eine Uebergangsform von den Rhyacophiliden zu den Hydroptiliden. **Thienemann**, A. Allg. Zs. Ent., Neudamm, **9**, 1904, (418–424, 437–441).

Stenophylax nn. spp. **Ulmer**, G. Hamburger Magalhaensische Sammelreise, Lfg 7, No. 6, 1904, (17–19).

LIST OF NEW GENERA AND SPECIES.

ACANTHACLISIS [Planipennia].
——— *maclachlani*. Weele. 160.

ACANTHAGRION [Odonata].
——— *ambiguum*. Ris. 103.

ACANTHOCLONIA [Phasmidae].
———? *paradoxa*. Kirby. 54.

Acanthomina n. gen. [Phasmidae]. Kirby. 54.

ACROLOPHITUS [Acridiidae].
——— *variegatus*. Bruner. 11.

Aissoblatta† n. gen. [Blattidae]. Handlirsch. 46A.
——— *rossica*†. Handlirsch. 46A.

Allosthetus n. gen. [Forficulidae]. Verhoeff. 150.
——— *lombokianus*. Verhoeff. 150.
——— *martensi*. Verhoeff. 150.
——— *setiger*. Verhoeff. 150.

AMBLYTROPIDIA [Acridiidae].
——— *costaricensis*. Bruner. 11.
——— *elongata*. Bruner. 11.
——— *inequita*. Bruner. 11.
——— *magna*. Bruner. 11.
——— *trinitatis*. Bruner. 11.

ANABOLIA [Trichoptera].
——— *spinosa*. Ulmer. 148.

Anacanthotermes n. subgen. [Termitidae]. Jacobson. 50.

ANAPLECTA [Blattidae].
——— *platycephala*. Rehn. 95.

Anarchita n. gen. [Acridiidae]. Bolivar. 6.

ANCISTROGASTER [Forficulidae].
——— *poecilocera*. Borg. 9.

ANECHURA [Forficulidae].
——— *schlagintweiti*. Burr. 12.

ANISOLABIS [Forficulidae].
——— *albovittata*. Burr. 12.
——— *coeca*. Borelli. 7.
——— *gaudens*. Burr. 12.
——— *peregrina*. Mjöberg. 79.

Antiagrion n. gen. [Odonata]. Ris. 103.

APATANIA [Trichoptera].
——— *tripunctata*. Banks. 3.

APLOPUS [Phasmidae].
——— *achalus*. Rehn. 97.
——— *similis*. Rehn. 97.

APTERYGIDA [Forficulidae].
——— *athymia* n. nom. Rehn. 95.
——— *bonchampsi*. Burr. 12.
——— *vishnu*. Burr. 12.

Archotermopsis n. subgen. [Termitidae]. Desneux. 36.

ARPHIA [Acridiidae]. Rehn.
——— *canora*. Rehn. 98.
——— *truculenta*. Rehn. 98.

ARRHIDAEUS [Phasmidae].
——— *apalamnus*. Rehn. 97.

ASYNARCHUS [Trichoptera].
——— *alascensis*. Banks. 3.
——— *flavicollis*. Banks. 3.
——— *fumosus*. Banks. 3.
——— *simplex*. Banks. 3.

BACTRICIA [Phasmidae].
——— *ridleyi*. Kirby. 54.

BEROTHA [Planipennia].
——— *piepersii*. Weele. 160.

BLATTA [Blattidae].
——— *senecta*. Rehn. 95.

BOOPEDON [Acridiidae].
——— *diabolicum*. Bruner. 11.
——— *flaviventris*. Bruner. 11.
——— *fuscum*. Bruner. 11.
——— *gracile*. Rehn. 98.
——— *hoagi*. Rehn. 98.
——— *savannarum*. Bruner. 11.

BORMANSIA [Forficulidae].
——— *meridionalis*. Burr. 14.

BOSTRA [Phasmidae].
——— *incompta*. Rehn. 97.
——— *jaliscensis*. Rehn. 98.
——— *remiformis*. Rehn. 97.

BRACHYLABIS [Forficulidae].
——— *malgacha*. Burr. 12.
——— *sjöstedti*. Borg. 9.

BRADYNOTES [Acridiidae].
——— *compacta*. Morse. 80.

CACONDA [Acridiidae].
——— *plicatula*. Bolivar. 6.

Calamacris n. gen. [Acridiidae]. Rehn. 98.
——— *clendoni*. Rehn. 98.

CALOLAMPRA [Blattidae].
——— *pedisequa*. Rehn. 95.

CALOTERMES [Termitidae].
——— *agilis*. Sjöstedt. 129.
——— *auriceps*. Sjöstedt. 124.
——— *desneuxi*. Sjöstedt. 124.
——— *marocoensis*. Sjöstedt. 124.
——— *militaris*. Desneux. 31.
——— *pallidicollis*. Sjöstedt. 129.
——— *planiceps*. Sjöstedt. 124.
——— *wagneri*. Desneux. 33.

CALVISIA [Phasmidae].
——— *maculata*. Kirby. 54.

Camöensia [Acridiidae].
——— *insignis* var. *sculpturata* n. var. Bolivar. 6.

Capnobotes [Locustidae].
——— *occidentalis* var. *viridis* n. var. Cockerell. 24.

Carausius [Phasmidae].
——— *bracatus*. Rehn. 97.
——— *obiensis*. Rehn. 97.
——— *mammatus*. Rehn. 97.

Carcinophora [Forficulidae].
——— *waddsi*. Burr. 12.

Carvilia [Mantidae].
——— *costalis*. Kirby. 53.

Ceroys [Phasmidae].
——— *bigibbus*. Rehn. 97.

Ceuthophilus [Locustidae].
——— *macropus*. Rehn. 98.

Chaetospania [Forficulidae].
——— *volcana*. Burr. 12.

Challia n. gen. [Forficulidae]. Burr. 12.
——— *fletcheri*. Burr. 12.

Chasmatoptera [Planipennia].
——— *sheppardi*. Kirby. 55.

Chelisoches [Forficulidae].
——— *limbatus*. Borg. 9.

Chorisoneura [Blattidae].
——— *africana*. Borg. 8.

Chrotogonus [Acridiidae].
——— *abyssinicus*. Bolivar. 6.
——— *bloyeti*. Bolivar. 6.
——— *brevis*. Bolivar. 6.
——— *gabonicus*. Bolivar. 6.
——— *lameerei*. Bolivar. 6.
——— *marshalli*. Bolivar. 6.
——— *occidentalis*. Bolivar. 6.
——— *rollini*. Bolivar. 6.
——— *varelai*. Bolivar. 6.

Chrysopa [Planipennia].
——— *cosmeta*. Navas. 85.
——— *jaluitana*. Kempny. 112.
——— *kara-kurti*. Rossikov. 107.
——— *nigricostata* var. *marginata* n. var. Navás. 85.
——— *vulgaris* var. *radialis* n. var. Navás. 85.

Coecilius [Psocidae].
——— *minutus*. Reuter. 101.

Conocephalus [Locustidae].
——— *striatus*. Krausze. 64.
——— *subtilis*. Krausze. 64.
——— *teter*. Krausze. 63.
——— *ultimus*. Krausze. 67.

Cordillacris [Acridiidae].
——— *affinis*. Morse. 80.

Cuculligera [Acridiidae].
——— *capucina*. Navás. 85.
——— *flexuosa* var. *asurea* n. var. Navás. 85.

Cymothalis [Planipennia].
——— *liberiensis*. Weele. 160.

Dactylotum [Acridiidae].
——— *histricum*. Rehn. 98.

Datames [Phasmidae].
——— *aequalis*. Rehn. 97.

Deropeltis [Blattidae].
——— *gaboonica*. Rehn. 95.
——— *tullbergi*. Borg. 8.

Diaphlebia [Odonata].
——— *nexans*. Calvert. 19.

Dichromorpha [Acridiidae].
——— *longipennis*. Bruner. 11.
——— *mexicana*. Bruner. 11.

Diplatys [Forficulidae].
——— *aethiops*. Burr. 12.
——— *conradti*. Burr. 12.
——— *croixi*. Burr. 12.
——— *greeni*. Burr. 12.
——— *occidentalis*. Burr. 12.
——— *siva*. Burr. 12.
——— *viator*. Burr. 12.

Drymadusa [Locustidae].
——— *arizonensis*. Rehn. 99.

Dyadentomum† n. gen. [Ephemeridae]. Handlirsch. 46a.
——— *permense*†. Handlirsch. 46a.

Dyadozoarium† n. gen. [Perlidae]. Handlirsch. 46a.
——— *pachypus*†. Handlirsch. 46a.

Ectobia [Blattidae].
——— *duskei*. Adelung. 1.

Ectobius [Blattidae].
——— *maori*. Rehn. 95.

Ellipsidion [Blattidae].
——— *histrionicum*. Rehn. 95.

Embia [Embiidae].
——— *camerunensis*. Verhoeff. 151.

Ephippiger [Locustidae].
——— *pantingana*. Navas. 85.

Epigomphus [Odonata].
——— *llama*. Calvert. 19.
——— *tumefactus*. Calvert. 19.
——— *quadracus*. Calvert. 19.

Epilampra [Blattidae].
——— *camerunensis*. Borg. 8.
——— *electa*. Borg. 8.
——— *excelsa*. Navás. 85.
——— *infinita*. Borg. 8.
——— *minuta*. Borg. 8.
——— *moloch*. Rehn. 95.
——— *pallida*. Borg. 8.
——— *sjöstedti*. Borg. 8.
——— *trongana*. Rehn. 95.

Epiophlebia n. nom. [Odonata]. Calvert. 16.

Eritettix [Acridiidae].
——— *brachypterus*. Bruner. 11.

Etoblattina [Blattidae].
——— *coriacea* †. Sellards. 114.
——— *juvenis* †. Sellards. 114.
——— *pygmaea* †. Meunier. 78.
——— *steinmannii* †. Sterzel. 132.

Eubulides [Phasmidae].
——— *spuria*. Kirby. 54.

Eurycantha [Phasmidae].
——— *portentosa*. Kirby. 54.
——— *sifia*. Kirby. 54.
——— *willeyi*. Kirby. 54.

Eurycnema [Phasmidae].
——— *magnifica*. Kirby. 54.
——— *viridissima*. Kirby. 54.

Eustegasta [Blattidae].
——— *parva*. Borg. 8.

Eutermes [Termitidae].
——— *aluco*. Sjöstedt. 124.
——— *chiasognathus*. Sjöstedt. 124.
——— *clepsydra*. Sjöstedt. 124.
——— *coarctatus*. Sjöstedt. 129.
——— *dispar*. Sjöstedt. 129.
——— *divellens*. Sjöstedt. 124.
——— *gemellus*. Sjöstedt. 129.
——— *infuscatus*. Sjöstedt. 126.
——— *maculiventris*. Sjöstedt. 124.
——— *mitis*. Sjöstedt. 126.
——— *mobilis*. Sjöstedt. 124.
——— *occidentalis*. Sjöstedt. 124.
——— *oeconomus*. Trägårdh. 140.
——— *palaearcticus*. Sjöstedt. 124.
——— *rapulum*. Sjöstedt. 124.
——— *salebrithorax*. Sjöstedt. 124.
——— *sudanicus*. Sjöstedt. 124.
——— *terricola*. Trägårdh. 140.
——— *usambarensis*. Sjöstedt. 124, 130.

Forcipula [Forficulidae].
——— *quelchi*. Burr. 12.

Forficula [Forficulidae].
——— *ambigua*. Burr. 12.
——— *mikado*. Burr. 12.
——— *mogul*. Burr. 12.
——— *obtusangula*. Krauss. 62.

Gerablattina [Blattidae].
——— *arcuata* †. Sellards. 114.

Gesonia [Acridiidae].
——— *zonocera*. Navas. 85.

Glossosoma [Trichoptera].
——— *alascensis*. Banks. 3.

Gomphocerus [Acridiidae].
——— *meridionalis*. Bruner. 11.

Gonolabis [Forficulidae].
——— *silvestrii*. Borelli. 87.

Gripopterix [Perlidae].
——— *michaelseni*. Klapálek. 59.
——— *tigrina*. Klapálek. 59.

Gryllacris [Locustidae].
——— *scripta*. Navas. 85.

Gyna [Blattidae].
——— *aurivillii*. Borg. 8.
——— *oblonga*. Borg. 8.

Haaniella n. nom. [Phasmidae]. Kirby. 54.

Halesus ? [Trichoptera].
——— *alascensis*. Banks. 3.

Hapalopeza [Mantidae].
——— *maculata*. Kirby. 53.

Harpagonyx [Mantidae].
——— *carlotta*. Rehn. 96.

Heliocomitus [Planipennia].
——— *philippinensis*. Weele. 160.

Hemerobius [Planipennia].
——— *dorsatus*. Banks. 4.
——— *nevadensis*. Banks. 4.
——— *pictus*. Banks. 4.
——— *speciosus*. Banks. 4.
——— *transversus*. Banks. 4.

Hermineura [Psocidae].
——— *fusca*. Reuter. 101.

Hesperotettix [Acridiidae].
——— *nevadensis*. Morse. 80.

Heterochaeta [Mantidae].
——— *orientalis*. Kirby. 53.

Heteronemia [Phasmidae].
——— *ignava*. Rehn. 97.

Hexacentrus [Locustidae].
——— *stilli*. Krausze. 67.

Hodotermes [Termitidae].
——— *ahngerianus*. Jacobson. 50.
——— *turkestanicus*. Jacobson. 50.

HOLOCHLORA [Locustidae].
——— *stdli.* Krausze. 65.

HUMBERTIELLA [Mantidae].
——— ? *brunneri.* Kirby. 53.

HUMPATELLA [Acridiidae].
——— *severini.* Bolivar. 6.

Hyalopsyche n. gen. [Trichoptera]. Ulmer. 142.
——— *palpata.* Ulmer. 142.

HYBRIS [Planipennia].
——— *borneënsis.* Weele. 160.
——— *flavicans.* Weele. 160.

HYDROPSYCHE [Trichoptera].
——— *sexfasciata.* Ulmer. 149.

HYDROPTILA [Trichoptera].
——— *cintrana.* Morton. 82.

IGNACIA [Phasmidae].
——— *appendiculata.* Kirby. 54.

Isoniscus n. gen. [Blattidae]. Borg. 8.
——— *sjöstedti.* Borg. 8.

Kalligramma† n. gen. [Planipennia]. Walther. 154.
——— *haeckeli*†. Walther. 154.

LABIA [Forficulidae].
——— *alluaudi.* Burr. 12.
——— *forceps.* Burr. 12.
——— *insularis.* Burr. 12.
——— *paradoxa.* Burr. 12.
——— *triangulata.* Burr. 12.

LABIDURA [Forficulidae].
——— *dubroni.* Borg. 9.
——— *karschi.* Borg. 9.

LABIDURODES [Forficulidae].
——— *nitidus.* Burr. 12.

Laufferia n. gen. [Acridiinae]. Bolivar. 6.

LEPTOCERUS [Trichoptera].
——— *excisus.* Morton. 84.

Leptodella n. gen. [Psocidae]. Reuter. 101.
——— *fuscipes.* Reuter. 101.

Leuconotus n. gen. [Acridiidae]. Bruner. 11.
——— *biolleyi.* Bruner. 11.

Limmatoblatta† n. gen. [Blattidae]. Handlirsch. 46A.
——— *permensis*†. Handlirsch. 46A.

LIMNEPHILUS [Trichoptera].
——— *harrimani.* Banks. 3.
——— *kincaidi.* Banks. 3.

LIMNOPHILUS [Trichoptera].
——— *armatus.* Ulmer. 148.
——— *patagonicus.* Ulmer. 148.
——— *setipes.* Ulmer. 148.

Linoceratium n. gen. [Acridiidae]. Bruner. 11.
——— *boucardi.* Bruner. 11.

LONCHODES [Phasmidae].
——— *viridis.* Kirby. 54.

MACELLA [Phasmidae].
——— *caulodes.* Rehn. 97.

MACHAEROCERA [Acridiidae].
——— *magna.* Bruner. 11.
——— *obscura.* Bruner. 11.
——— *pacifica.* Bruner. 11.

MACRONEMA [Trichoptera].
——— *sjöstedti.* Ulmer. 149.

MARMESSOIDEA [Phasmidae].
——— *phluctainoides.* Rehn. 97.

MAURA [Acridiidae].
——— *marshalli.* Bolivar. 6.
——— *modesta.* Bolivar. 6.
——— *selysi.* Bolivar. 6.
——— *venusta.* Bolivar. 6.

Melanotettix n. gen. [Acridiidae]. Bruner. 11.
——— *dibelonus.* Bruner. 11.

MICRATHYRIA [Odonata].
——— *pallida.* Needham. 87.

MICROMUS [Planipennia].
——— *australis.* Froggatt. 44.

MONISTRIA [Acridiidae].
——— *ligata.* Bolivar. 6.

MYLACRIS [Blattidae].
——— *anceps*†. Sellards. 114.

MYRMELEON [Planipennia].
——— *arenarius* n. nom. Navás. 86.
——— *ochreatus.* Navás. 86.

MYRONIDES [Phasmidae].
——— *ashmeadi.* Rehn. 97.

NECROSCIA [Phasmidae].
——— *tonkinensis.* Kirby. 54.

NEMOBIUS [Gryllidae].
——— *angusticollis.* Walker. 152.
——— *griseus.* Walker. 152.

Neohirasea n. subgen. [Phasmidae]. Rehn. 97.

NYCTIOPHYLAX [Trichoptera].
——— *occidentalis.* Ulmer. 142.

OCHROPHLEBIA [Acridiidae].
——— *proxima.* Bolivar. 6.

Ochrotettix n. gen. [Acridiidae]. Bruner. 11.
——— *salinus*. Bruner. 11.

Odontopsalis n. gen. [Forficulidae]. Burr. 12.
——— *harmandi*. Burr. 12.
——— *lewisi*. Burr. 12.

Oloyphides [Phasmidae].
——— *iridescens*. Kirby. 54.

Oligotoma ? [Embiidae].
——— *termitophila*. Wasmann. 156.

Oncotophasma n. gen. [Phasmidae]. Rehn. 97.

Opeia [Acridiidae].
——— *imperfecta*. Bruner. 11.
——— *lineata*. Bruner. 11.
——— *mexicana*. Bruner. 11.
——— *pallida*. Bruner. 11.
——— *palmeri*. Bruner. 11.

Opisthocosmia [Forficulidae].
——— *annandalei*. Burr. 12.
——— *brahma*. Burr. 12.
——— *erroris*. Burr. 12.
——— *micheli*. Burr. 12.
——— *nevilli*. Burr. 12.
——— *shelfordi*. Burr. 12.
——— *temora*. Burr. 12.
——— *vicina*. Burr. 12.

Opisthoplatia [Blattidae].
——— *plicata*. Navas. 85.

Oreophoetes n. gen. [Phasmidae]. Rehn. 97.

Orphula [Acridiidae].
——— *meridionalis*. Bruner. 11.

Orphulella [Acridiidae].
——— *costaricensis*. Bruner. 11.
——— *graminea*. Bruner. 11.
——— *meridionalis*. Bruner. 11.
——— *prominula*. Bruner. 11.
——— *robusta*. Bruner. 11.

Orthoneoroscia [Phasmidae].
——— *pulcherrima*. Kirby. 54.
——— *ruficeps*. Kirby. 54.

Oxyagrion [Odonata].
——— *saliceti*. Ris. 103.

Oxyartes [Phasmidae].
——— *lamellatus*. Kirby. 54.

Oxyethira [Trichoptera].
——— *mirabilis*. Morton. 82.

Oxyhaloa [Blattidae].
——— *saussurei*. Borg. 8.

Palaeomantis† n. gen. [Mantidae]. Handlirsch. 46A.
——— *schmidti*†. Handlirsch. 46A.

Panchlora [Blattidae].
——— *camerunensis*. Borg. 8.
——— *stolata*. Borg. 8.

Panesthesia [Blattidae].
——— *cetrifera*. Rehn. 95.

Papagoa n. gen. [Acridiidae]. Bruner. 11.
——— *arizonensis*. Bruner. 11.

Parachloebata n. gen. [Acridiidae]. Bruner. 11.
——— *pratensis*. Bruner. 11.

Paramusonia n. nom. [Mantidae]. Rehn. 96.

Parasphena [Acridiidae].
——— *dubia*. Bolivar. 6.
——— *picticeps*. Bolivar. 6.

Parisolabris n. gen. [Forficulidae]. Verhoeff. 150.
——— *novaezeelandiae*. Verhoeff. 150.

Paropomala [Acridiidae].
——— *dissimilis*. Bruner. 11.
——— *pallida*. Bruner. 11.

Perixerus [Acridiidae].
——— *variabilis*. Rehn. 98.

Petromantis [Mantidae].
——— *rossica*†. Handlirsch. 46A.

Phaenopharos n. gen. [Phasmidae]. Kirby. 54.

Phaneroturis n. gen. [Acridiidae]. Bruner. 11.
——— *cupido*. Bruner. 11.

Photina [Mantidae].
——— *gracilipes*. Kirby. 53.

Phraortes [Phasmidae].
——— *mikado*. Rehn. 97.

Phthartus† n. gen. [Ephemeridae]. Handlirsch. 46A.
——— *netschajevi*†. Handlirsch. 46A.
——— *rossicus*†. Handlirsch. 46A.

Phymateus [Acridiidae].
——— *cardinalis*. Bolivar. 6.
——— *coralliferus*. Bolivar. 6.
——— *leprosus* var. *amplipennis* n. var. Bolivar. 6.
——— ——— var. *compressicollis* n. var. Bolivar. 6.
——— *pulcherrimus*. Bolivar. 6.
——— *puniceus*. Bolivar. 6.

Phyteumas n. gen. [Acridiidae]. Bolivar. 6.

PLANUDES [Phasmidae].
——— *crenulipes*. Rehn. 97.

Platephippius n. subgen. [Acridiidae]. Navás. 85.

PLATYLABIA [Forficulidae].
——— *bihastata*. Borg. 9.
——— *camerunensis*. Borg. 9.

PLATYSTOLUS [Acridiidae].
——— *obvius*. Navás. 85.

PLECTROTETTIX [Acridiidae].
——— *calidus*. Bruner. 11.
——— *excelsus*. Bruner. 11.
——— *macneilli*. Bruner. 11.

PLEIOPLECTRON [Locustidae].
——— *serratum*. Hutton. 49.

Plerisca n. gen. [Acridiidae]. Bolivar. 6.
——— *peringueyi*. Bolivar. 6.

POECILIMON [Locustidae].
——— *jonicus* var. *cretensis* n. var. Werner. 162.

POECILOCERUS [Acridiidae].
——— *tesellatus*. Bolivar. 6.

POLYSPILOTA [Mantidae].
——— *elegans*. Navás. 85.

PROMACHUS [Phasmidae].
——— *bicolor*. Kirby. 54.
——— ? *lactus*. Kirby. 54.

PROSCRATEA [Blattidae].
——— *bilineata*. Navás. 85.

Protomacronema n. gen. [Trichoptera]. Ulmer.
——— *hyalinum*. Ulmer. 142.
——— *pubescens*. Ulmer. 149.

PROTONEURA [Odonata].
——— *peramans*. Calvert. 17.

Pseudochaeta n. gen. [Mantidae]. Kirby. 53.
——— *strachani*. Kirby. 53.

PSEUDOPHASMA [Phasmidae].
——— *cambridgei*. Kirby. 54.
——— *cryptochlore*. Rehn. 97.
——— *inca*. Kirby. 54.
——— *phaeton*. Rehn. 97.

PSEUDORHYNCHUS [Locustidae].
——— *redtenbacheri*. Krausze. 63.

PYRGOMANTIS [Mantidae].
——— *jonesi*. Kirby. 53.

PYRGOMORPHA [Acridiidae].
——— *capensis*. Bolivar. 6.
——— *cylindrica*. Bolivar. 6.
——— *inaequalipennis*. Bolivar. 6.

PYRGOMORPHELLA [Acridiidae].
——— *madecassa*. Bolivar. 6.
——— *sphenarioides*. Bolivar. 6.

PYRRHIZIA [Locustidae].
——— *brunneri*. Krausze. 65.

Reuterella n. gen. [Psocidae]. Enderlein. 101.
——— *helvimacula*. Enderlein. 101.

RHICNODA [Blattidae].
——— *desidiosa*. Rehn. 95.

RHINOTERMES [Termitidae].
——— *taurus*. Desneux. 31.

RUBELLIA [Acridiidae].
——— *brancsiki*. Bolivar. 6.

SCHISTOCERCA [Acridiidae].
——— *peruviana*. Lynch. 76.
——— *philippina*. Navás. 85.

Schizoblattina† n. gen. [Paleoblattidae]. Sellards. 114.
——— *multinervia*†. Sellards. 114.

SCYLLINA [Acridiidae].
——— *physopoda*. Navás. 85.

SERMYLE [Phasmidae].
——— *physconia*. Rehn. 97.

Silvitettix n. gen. [Acridiidae]. Bruner. 11.
——— *communis*. Bruner. 11.

SINALOA [Acridiidae].
——— *brevispinis*. Rehn. 98.

SIPYLOIDEA [Phasmidae].
——— *poeciloptera*. Rehn. 97.

Sisantum n. gen. [Acridiidae]. Bruner. 11.
—— —— *notochloris*. Bruner. 11.

SOMATOCHLORA [Odonata].
——— *provocans*. Calvert. 18.

SOSIBIA [Phasmidae].
——— *peninsularis*. Kirby. 54.

SPARATTA [Forficulidae].
——— *bongiana*. Borg. 9.
——— *w. signata*. Burr. 12.

SPONGIPHORA [Forficulidae].
——— *ochracea*. Borg. 9.

SPHENARIUM [Acridiidae].
——— *carinatum*. Bolivar. 6.

SPHENDALE [Mantidae].
——— *robusta*. Kirby. 53.

STAGMATOPTERA [Mantidae].
——— *insatiabilis*. Rehn. 96.
——— *typhon*. Rehn. 100.

STAGMOMANTIS [Mantidae].
——— *theophila*. Rehn. 96.

STENOBOTHRUS [Acridiidae].
——— *acutus*. Morse. 80.

STENOPHILAX ? [Trichoptera].
——— *appendiculatus*. Ulmer. 148.
——— *branchiatus*. Ulmer. 148.

STIPATOR [Locustidae].
——— *grandis*. Rehn. 98.

Stoelonchodes n. gen. [Phasmidae]. Kirby. 54.
——— *gracillimus*. Kirby. 54.

STRATOCLES [Phasmidae].
——— *costaricensis*. Rehn. 97.
——— *multilineatus*. Rehn. 97.

Sva n. gen. [Psocidae]. Enderlein. 39.
——— *dahliana*. Enderlein. 39.

SYRBULA [Acridiidae].
——— *modesta*. Bruner. 11.
——— *pacifica*. Bruner. 11.
——— *robusta*. Bruner. 11.

TAENIOPODA [Acridiidae].
——— *tamaulipensis*. Rehn. 98.

Tanita n. gen. [Acridiidae]. Bolivar. 6.
——— *ferrieri*. Bolivar. 6.
——— *longiceps*. Bolivar 6.
——— *loosi*. Bolivar. 6.
——— *pupurea*. Bolivar. 6.

Tapesia n. nom. [Acridiidae]. Bolivar. 6.
——— *karschi*. Bolivar. 6.
——— *producta*. Bolivar. 6.
——— *spumans* var. *calceata* n. var. Bolivar. 6.
——— ——— var. *pulchra* n. var. Bolivar. 6.
——— ——— var. *servillei* n. var. Bolivar. 6.

TAPHRONOTA [Acridiidae].
——— *amaranthina*. Bolivar. 6.
——— *calliparea* var. *poultoni* n. var. Bolivar. 6.
——— *dimidiata*. Bolivar. 6.
——— *merceti*. Bolivar. 6.

TELAGRION ? [Odonata].
——— *daeckii*. Calvert. 18.

Tenuitarsis n. gen. [Acridiidae]. Bolivar. 6.
——— *revoili*. Bolivar. 6.

TERMES [Termitidae].
——— *affinis*. Trägardh. 140.
——— *agilis*. Sjöstedt. 124.
——— *annamensis*. Desneux. 31.
——— *aurora*. Sjöstedt. 124.
——— *bouvieri*. Desneux. 33.
——— *canalifrons*. Sjöstedt. 124.
——— *erodens*. Sjöstedt. 124.
——— *fidens*. Sjöstedt. 124.
——— *fuscofemoralis*. Sjöstedt. 124.
——— *ramulosus*. Sjöstedt. 124
——— *redenianus*. Sjöstedt. 124.
——— *salebrifrons*. Sjöstedt. 124.
——— *tenuirostris*. Desneux. 33.
——— *terricola*. Sjöstedt. 128.
——— *trägårdhi*. Sjöstedt. 124.
——— *transvaalensis*. Sjöstedt. 129.
——— *zenkeri*. Desneux. 31.

TERMOPSIS [Termitidae].
——— *wroughtoni*. Desneux. 35.

Tersomia n. gen. [Phasmidae]. Kirby. 54.
——— *brasiliensis*. Kirby. 54.

THAMNOSCIRTUS [Locustidae].
——— *caeruleus*. Rehn. 98.

THEGANOPTERYX [Blattidae].
——— *nitida*. Borg. 8.

THEOPOMPA [Mantidae].
——— *westwoodi*. Kirby. 53.

Thnetus† n. gen. [Ephemeridae]. Handlirsch. 46A.
——— *stuckenbergi*. Handlirsch. 46A.

Thyriptilon n. gen. [Acridiidae]. Bruner. 11.
——— *vitripenne*. Bruner. 11.

THYRSOCERA [Blattidae].
——— *tessellata*. Rehn. 95.

Tomopygia n. gen. [Forficulidae]. Burr. 12.
——— *sinensis*. Burr. 12.

TRIMEROTROPIS [Acridiidae].
——— *rubripes*. Rehn. 99.

VATES [Mantidae].
——— *townsendi*. Rehn. 96.

XEROSOMA [Phasmidae].
——— *glyptomerion*. Rehn. 97.

Zapata n. gen. [Acridiidae]. Bruner. 11.
——— *brevipennis*. Bruner. 11.

4003-4031 HEMIPTERA (or RHYNCHOTA), EXCL. ANOPLURA, WHICH ARE PLACED IN 3603.

TITLES.

The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Chipatula agilis n. sp. German. W. Africa. **Schouteden,** H. *l.c.* (135-137).

Coccalus assimilis n. sp. Africa. **Horváth,** G. Ann. Hist-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (257).

Coquerelia ventralis n. sp. Africa. **Horváth,** G. *l.c.* (263).

Cydnus komaroffi Jak., faunistisch. **Horváth,** G. *l.c.* (575).

Dalcantha nn. spp. Tonkin, Sumatra. **Breddin,** G. Wr. Entomol. Ztg, Wien, **23,** 1904, (18).

Dalpada perelegans n. sp. Tonkin. **Breddin,** G. *l.c.* (1).

Dalsira brunni n. sp. Kamerun. **Schouteden,** H. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (142).

Damellera n. nom. for *Damelia.* **Kirkaldy,** G. W. Entomologist, London, **1904,** (280).

Dandinus n. gen. near *Aeschrus, D. crassus* n. sp. N. Queensland. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (264-265).

Deroplax circumducta, synonymy. **Schouteden,** H. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (301).

Dolichisme n. nom. for *Petrisia.* **Kirkaldy,** G. W. Entomologist, London, **1904,** (280).

Dolycoris penicillatus n. sp. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (580-581).

Dystus villosus n. sp. Süd-Amerika. **Breddin,** G. Soc. Entomol., Zürich, **18,** 1904, (153-154).

Edessa nn. spp. **Breddin**, G. Berlin, SitzBer. Ges. natf. Freunde, **1904**, (135–153); Soc. Entomol., Zürich, **18**, 1904, (178).

Elasmotethus griseus L. = *interstinctus* Kent., note sur les mœurs. **Pierre**, *abbé*. Paris, Bul. soc. ent., **1903**, (131–132).

Erthesia distanti n. sp. Ostafrika. **Schouteden**, H. Wr. Entomol. Ztg, Wien, **21**, 1902, (233–243).

Euaenaria n. gen., *E. jucunda* n. sp. Tonkin. **Breddin**, G. *l.c.* **23**, 1904, (2).

Eumecopus nn. spp. N. Queensland. **Distant**, W. L Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (263, 264).

Eupododus n. nom. for *Pododus*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Eurinome armata n. sp. New-Guinea. **Breddin**, G. Wr. Entomol. Ztg, Wien, **23**, 1904, (4).

Eurostus heros n. sp. Tonkin. **Breddin**, G. *l.c.* (16).

Eurydema oleraceum L. *E. festivum* L. var. *pictum* H.-Sch., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (575).

Eurygaster integriceps [Osch.] Put. und neue Methoden zu ihrer Bekämpfung mit Hilfe von Parasiten aus der Zahl der Schlupfwespen. **Vasiljev**, I. V. Trd. B. entom. Učen. Kom. M. Zeml., St. Peterburg, **4**, 11, 1904, (72, mit 25 Taf.).

Eusarcoris V-flavum n. sp. Africa. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (259); *E. gibbosus* n. sp. Corea. **Jakovlev**, V. E. Rev. russ. ent., Jaroslavlĭ, **4**, No. 1 1904, (23–26).

Eusthenes diomedes n. sp. Tonkin. **Breddin**, G. Wr. Entomol. Ztg, Wien, **23**, 1904, (15).

Exithemus mansonicus n. sp. Tonkin. **Breddin**, G. *l.c.* (6).

Fakkeria n. gen., *F. crassa* n. sp. Colorado. **Schouteden**, H. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (301–302).

Galeacius martini n. sp. **Schouteden**, H. *l.c.* (299-300).

Gastroxys n. gen., verwandt mit *Diploxys* Am. Serv., *G. funerea* n. sp. Africa. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (257–258).

Geomorpha junodi n. sp. Transvaal. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (350).

Glypsus nn. spp. French Congo, E. Africa, Abyssinia. **Schouteden**, H. Bruxelles, Ann. Soc. ent., Belgique, **48**, 1904, (140–141); *G. carinulatus* n. sp. Sudan orient. **Bergroth**, E. Rev. russ. ent., Jaroslavlĭ, **4**, No. 1, 1904, (32–33).

Gnathoconus elongatus n. sp. Transvaal. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (349).

Gonopsis tonkinensis n. sp. **Breddin**, G. Wr. Entomol. Ztg, Wien, **23**, 1904, (19).

Graphosoma lineatum L. var. *italicum* Müll., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (575).

Grimgerda n. nom. for *Macrothyreus*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Gueriniellus n. nom. for *Platycoris*. **Kirkaldy**, G. W. *l.c.* (280).

Iphiarusa n. gen., *I. aratrix* n. sp. Tonkin. **Breddin**, G. Wr. Entomol. Ztg, Wien, **23**, 1904, (12–13).

Irochrotus indicus n. sp. Inde anglaise. **Schouteden**, H. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (303).

Laccophorella n. gen., verwandt mit *Noualhieridia* Bredd., *L. bornemizae* n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (270).

Leptolobus eburneatus var. *thoracicus* n. var. **Schouteden**, H. Wr. Entomol. Ztg, Wien, **21**, 1902, (233–243).

Lincus nn. spp. Sud-Amerika. **Breddin**, G. Soc. Entomol., Zurich, **18**, 1904, (154).

Liodermion n. nom. for *Lioderma*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Lobopelta n. gen., *L. funebris* n. sp. Congo. **Schouteden**, H. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (142–143).

Lobothyreus brasiliensis n. sp. Brésil. **Schouteden**, H. *l.c.* (300-301).

Macroscytus inermipes n. sp. Africa. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (253).

Malgassus exiguus n. sp. Africa. **Horváth**, G. *l.c.* (269).

Megadoeum Karsch, Gattungscharakteristik, *M. obliquum* n. sp. Kamerun. **Bergroth**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (37–40).

Melampodius westwoodi n. sp. Congo. **Schouteden**, H. *l.c.* **21**, 1902, (233–243).

Melanodermus dilutipes n. sp. Süd-Amerika. **Breddin**, G. Soc. Entomol., Zurich, **18**, 1904, (154).

Menuthias n. nom. for *Ilerda*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Miopygium n. gen., *M. cyclopeltoides* n. sp. Süd-Amerika. **Breddin**, G. Soc. Entomol., Zurich, **18**, 1904, (153).

Montandoneus n. nom. for *Gabonia*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Morbora nn. spp. Tasmania, Queensland. **Bergroth**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (356–357).

Moyara martini n. sp. Uganda. **Schouteden**, H. *l.c.* (138–139).

Myrochea distincta n. sp. Congo. **Schouteden**, H. Wr. Entomol. Ztg, Wien, **21**, 1902, (233–243).

Nealeria diminuta n. sp. Africa. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (255).

Nezara nn. spp. Africa. **Horváth**, G. *l.c.* (263–266).

Ochisme n. nom. for *Trachyops*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Ochrorrhaca n. gen., *O. truncaticornis* n. sp. Tonkin. **Breddin**, G. Wr. Entomol. Ztg, Wien, **23**, 1904, (3).

Odontotarsus grammicus L., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (575).

Oncinoproctus n. gen., *O. griseolus* n. sp. Sikkim. **Breddin**, G. Wr. Entomol. Ztg, Wien, **23**, 1904, (5).

Oplomus cruentus var. *inermis* n. var. **Schouteden**, H. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (140); *O. severus* n. sp. Süd-Amerika. **Breddin**, G. Soc. Entomol., Zürich, **18**, 1904, (177).

Palomena limbata n. sp. **Jakovlev**, V. E. St. Peterburg, Hor. Soc. Ent. Ross., **37**, 1904, (71–73).

Parochlerus n. gen., *P. latus* n. sp. Süd-Amerika. **Breddin**, G. Soc. Entomol., Zürich, **18**, 1904, (153).

Pentatoma plebeja, parasite du café. (Hollandais). **Zimmermann**, A. Buitenzorg, Meded. Plant., **67**, 1904, (1–24, avec 2 pls.).

Peribalus vernalis Wolff, faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (575).

Philia insignis n. sp. Nouvelle-Galles du Sud. **Schouteden**, H. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (297–298); *P. jactator* = (*fenestrata* Bredd.) **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser 7), **14**, 1904, (66); *P. regia* = (*leucochalcea* Bredd.) *aerea* = (*compacta* Bredd.) **Distant**, W. L. *l.c.* (Ser. 7), **13**, 1904, (276).

Phimodera, Bemerkungen über einige Arten. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **45**, 1904, (1–15).

Picromerus bidens L., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (575).

Platynopus nn. spp. Africa. **Schouteden**, H. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (139–140).

Podisus nn. spp. Süd-Amerika. **Breddin**, G. Soc. Entomol., Zürich, **18**, 1904, (154).

Polytes cingulicornis n. sp. Brésil. **Bergroth**, E. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (354); *P. insignis* n. sp. Bolivie. **Schouteden**, H. *l.c.* (298–299).

Prionicompastes vicarians n. sp. Ost Java. **Breddin**, G. Wr. Entomol. Ztg, Wien, **23**, 1904, (14).

Rhynchocoris patulus n. sp. Süd-Java. **Breddin**, G. *l.c.* (12).

Runibia picturata n. sp. Süd-Amerika **Breddin**, G. Soc. Entomol., Zürich, **18**, 1904, (177).

Sabaeus nn. spp. Java, Sunbawa, Buru? **Breddin**, G. Wr. Entomol Ztg, Wien, **23**, 1904, (8–9).

Stenozygum nn. spp. Ostafrika. **Schouteden,** H. *l.c.* **21,** 1902, (233–243); *S. mombasanum* n. sp. British E. Africa; *S. bergrothi* n. nom for *S. bicolor.* **Schouteden,** H. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (137–138).

Stictocoris n. nom. for *Stictonatus.* **Kirkaldy,** G. W. Entomologist, London, **1904,** (280).

Supputius obscurus n. sp. Süd-Amerika. **Breddin,** G. Soc. Entomol., Zurich, **18,** 1904, (154).

Tarisa chloris n. sp. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (580).

Tectocoris cyanipes E., Schädling der Baumwollkultur. (Holländisch) **Koningsberger,** J. C. Teysmannia, Batavia, **14,** 1903, (622–627).

Tessaratoma niamensis n. sp. Africa. **Schouteden,** H. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (143–144).

Tetrochlerus n. gen., *T. fissiceps* n. sp. Süd-Amerika. **Breddin,** G. Soc. Entomol., Zurich, **18,** 1904, (153).

Texas n. nom. for *Melanostoma.* **Kirkaldy,** G. W. Entomologist, London, **1904,** (280).

Theseus nigrescens n. sp. N. Queensland. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (263).

Tolumnia ferruginescens n. sp. Tonkin. **Breddin,** G. Wr. Entomol. Ztg, Wien, **23,** 1904, (7).

Trigonosoma halophilum Jak., faunistisch. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (575).

Triplatyx n. gen., verwandt mit *Eurus* Dall., *T. quadraticeps* n. sp. Africa. **Horváth,** G. *l.c.* (255–256).

Vanduzeeina n. gen. for *V. balli* Van Duz. **Schouteden,** H. In: Wytsman, Genera Insectorum, fasc. **24,** 1904, (85–86).

Xosa n. nom. for *Anubis.* **Kirkaldy,** G. W. Entomologist, London, **1904,** (280).

Zicrona coerulea L., faunistisch. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (575).

COREIDAE.

General.

Mušik, F. Kurze analytische Uebersicht der böhmischen Coreiden. (Čechisch) Prag., Čas. České Spol. Entomolog., **1,** 1904, (55–68).

Special.

Acanthocephala declivis Say var. *quianensis* n. var. **Osborn,** H. Ohio Nat., Columbus, Ohio, **5,** 1904, (198).

Althas n. nom. for *Margus.* **Kirkaldy,** G. W. Entomologist, London, **1904,** (280).

Alydus calcaratus L., faunistisch. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (575).

Bathysolen nubilus Fall., faunistisch. **Horváth,** G. *l.c.* (575).

Carlisis serrabilis n. sp. Transvaal. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (350).

Coriomeris nn. spp. **Jakovlev,** V. E. Rev. russ. ent., Jaroslavlí, **4,** 1904, (293–294); *C. viticollis* Reut., faunistisch. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (575).

Corizus crassicornis L. var. *abutilon* Rossi, var. *subtomentosus* Rey, *C. parumpunctatus* Schill. faunistisch. **Horváth,** G. *l.c.* (575).

Dersagrena n. nom. for *Dalcera.* **Kirkaldy,** G. W. Entomologist, London, **1904,** (280).

Elachisme n. nom. for *Elathea.* **Kirkaldy,** G. W. *l.c.* (280).

Haeckelia n. nom. for *Microphyllia.* **Kirkaldy,** G. W. *l c.* (280).

Hypselonotus fuscus n. sp. Bolivia. **Osborn,** H. Ohio Nat., Columbus, Ohio, **5,** 1904, (199).

Kennetus n. gen. *Mictaria* for *K. alces* n. sp. Borneo. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (304).

Lycambes sargi n. sp. Guatemala. **Breddin,** G. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (306).

Marachisme n. nom. for *Phidippus.* **Kirkaldy,** G. W. Entomologist, London, **1904,** (280).

Mercennus n. nom. for *Melania* Dist. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (304).

Mictis loricata n. sp. Congo. **Distant,** W. L. *l.c.* **14,** 1904, (61).

Mirperus nn. spp. Transvaal. **Distant,** W. L. *l.c.* **13,** 1904, (352).

Myrmus formosus n. sp. Siberia. **Jakovlev,** V. E. Rev. russ. ent., Jaroslavlĭ, **4,** 2–3, 1904, (93–95).

Nanichisme n. nom for *Nesiotes*. **Kirkaldy,** G. W. Entomologist, London, **1904,** (280).

Ouranion n. nom. for *Bardistus*. **Kirkaldy,** G. W. *l.c.* (280).

Phyllomorpha laciniata Vill., note. **Lambertie,** M. Paris, Bul. soc. ent., **1902,** (325); **Mayet,** V. *l.c.* **1903,** (14–15); **Mingaud,** G. *l.c.* (158–159); **Pierre,** *abbé*. *l.c.* (57).

Plinachtus trilineatus n. sp. Transvaal. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (351).

Pomponatius n. gen. near *Chaerommatus* for *P. typicus* n. sp. **Distant,** W. L. *l.c.* (266).

Syromastes marginatus L., Spermatogenese. **Gross,** J. Zool. Jahrb., Jena, Abt. f. Anat., **20,** 1904, (439-498, mit 2 Taf.); *S. marginatus* L., faunistisch. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (575).

Therapha hyoscyami L., faunistisch. **Horváth,** G. *l.c.* (575).

BERYTIDAE.

Berytus hirticornis Brul., capture en nombre sur le coteau qui s'étend de Sannois à Cormeilles-en-Parisis. **Royer,** M. Paris, Bul. soc. ent., **1902,** (258).

LYGAEIDAE.

Anorygma n. subgen. (*Phaenacantha*.) **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (137).

Aphanus atomarius n. sp. Transvaal. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (353); *A. pini* L., faunistisch. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (576).

Artheneis alutacea Fieb.; *A. hircanica* Kol., faunistisch. **Horváth,** G. *l.c.* (576).

Blissus leucopterus. Ohio. **Webster,** F. M. Proceedings of the Twenty-second Annual Meeting of the Society for the Promotion of Agricultural Science. Held at Denver, Colorado, **1901,** ([47]–57, with text fig., maps).

Brachyphyma n. gen. verwandt mit *Symphylax*, *B. argutum*, *B. ochraceum*, *B. papuense* n. spp. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (144).

Calliseidus n. gen., *C. nigricollis* n. sp. **Horváth,** G. *l.c.* (153–154).

Chauliops rutherfordi n. sp. Old Calabar. **Distant,** W. L. Entomologist, London, **1904,** (277).

Colobasiastes Bredd., *C. albipes* Bredd., *C. burmeisteri* Stål, *C. fulvicollis* Bredd., *C. nigrifrons* Bredd., Beschreibung; nn. spp. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (158–168).

Colobathristes Burm., *C. mucronatus*, *C. nigriceps*, *C. chalcocephalus* Beschreibung, 2 nn. spp. **Horváth,** G. *l.c.* (148–152).

Cymus claviculus Fall., faunistisch. **Horváth,** G. *l.c.* (576).

Diascopoea n. gen., verwandt mit *Peruda* Dist., for *D. villosa* Dist., *D. debilis D. discessa* nn. spp. **Horváth,** G. *l.c.* (154–157).

Dieuches nn. spp. N. Queensland. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (268).

Emblethis denticollis Horv., faunistisch, *E. brevicornis* n. sp. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (576–582); *E. luridus* n. sp. Turkestan orient. **Jakovlev,** V. E. Rev. russ. ent., Jaroslavlĭ, **4,** No. 1, 1904, (23–26).

Fontejanus wasmanni, description. **Breddin,** G. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (410–412).

Geocoris arenarius Jak., faunistisch. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (576); *G. (Piocoris) chinensis* n. sp. China et espèces paléarctiques du sous-genre. **Jakovlev,** V. E. (Russ.) Rev. russ. ent., Jaroslavlĭ, **4,** 4, 1904, (170–171);

G. elongatulus n. sp. N. Queensland. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (267).

Germalus lineolosus n. sp. N. Queensland. **Distant,** W. L. *l.c.* (266).

Henestaris halophilus Burm., faunistisch. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (576).

Lamprodema maurum Fabr., faunistisch. **Horváth,** G. *l.c.* (576).

Lygaeus albomaculatus Goeze, *L. equestris* L., faunistisch. **Horváth,** G. *l.c.* (576); *L. sulcatus* n. sp. **Osborn,** H. Ohio Nat., Columbus, Ohio, **5,** 1904, (200).

Microplax interrupta Fieb., faunistisch. **Horváth,** G. Ann. Hist. Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (576).

Microtoma praeusta n. sp. Mont Alai. **Jakovlev,** V. J. Rev. russ. ent., Jaroslavlľ, **4,** No. 1, 1904, (23–26).

Narcegaster n. gen. for *N. geniculata* Stål. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (141–142).

Neoblissus n. gen., *N. parasitaster* n. sp. Brasilien. **Bergroth,** E. Wr. Entomol. Ztg, Wien, **22,** 1903, (253–256).

Nysius ericae Schill. var. *obscuratus* Horv., *N. senecionis* Schill, *N. thymi* Wolff, faunistisch; *N. pilosulus* n. sp. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (576–581); *N. rubromaculatus* n. sp. Transvaal. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (352).

Oxycarenus scabrosus n. sp. New Mexico. **Uhler,** P. R. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27,** 1904, (353).

Pamera nn. spp. N. Queensland. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (267–268); *P. tuberculata* n. sp. **Osborn,** H. Ohio Nat., Columbus, Ohio, **5,** 1904, ([195]–204).

Peruda Dist., *P. flavida* Bredd., *P. typica* Dist., *P. longiventris* n. sp. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (168–171).

Phaenacantha n. gen. for *P. bicolor* Dist., *P. distincta* Dist., *P. krügeri* Bredd., *P. pallida* Stål, *P. pectoralis* Stål, *P. saccharicida* Karsch, and *P. antennalis, P. ambigua, P. biroi, P. confusa, P. consobrina, P. conviva, P. discrepans, P. femoralis, P. gestroi, P. méhelyi, P. pacifica, P. pilosella, P. sedula,* var. *melanoscelis* n. var., *P. solers, P. strenua, P. suturalis, P. unicolor, P. viridipennis* nn. spp. **Horváth,** G. *l.c.* (143).

Piptocentrus n. gen., *P. pilipes* n. sp. **Horváth,** G. *l.c.* (157–158).

Rhyparochromus chiragra Fabr., faunistisch. **Horváth,** G. *l.c.* (576); *R. compactus* n. sp. New Mexico. **Uhler,** P. R. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27,** 1904, (354).

Symphylax n. gen., verwandt mit *Phaenacantha, S. picticollis* n. sp., var. *blandus,* var. *confluens* nn. varr. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (142–144).

Tagalisca n. subgen. (*Phaenacantha*). **Horváth,** G. *l.c.* (140).

Taphrocranum n. gen., verwandt mit *Colobathristes* for *T. robustum* Bredd. **Horváth,** G. *l.c.* (147–148).

Trapezonotus arenarius L., faunistisch. **Horváth,** G. *l.c.* (576).

Trichocentrus n. gen., *T. gibbosus* n. sp. **Horváth,** G. *l.c.* (152–153).

PYRRHOCORIDAE.

Aeschines pyrrhocoroides n. sp. Carin Cheba, Java. **Kirkaldy,** G. W. and **Edwards,** S. Wr. Entomol. Ztg, Wien, **21,** 1902, (167, pl. III, fig. 7).

Antillocoris n. nom. for *Pygaeus.* **Kirkaldy,** G. W. Entomologist, London, **1904,** (280).

Astemma sappho n. sp Neu-Caledonien. **Kirkaldy,** G. W. and **Edwards,** G. Wr. Entomol. Ztg, Wien, **21,** 1902, (171, pl. III, fig. 10).

Botocudo n. nom. for *Salacia.* **Kirkaldy,** G. W. Entomologist, London, **1904,** (280).

Caenocoris dudgeoni n. sp. Ostindien. **Kirkaldy,** G. W. Wr. Entomol. Ztg, Wien, **22,** 1903, (13–17).

Dindymus nn. spp. Carin Cheba, Birma. **Kirkaldy,** G. W. and **Edwards,** S. *l.c.* **21,** 1902, (169–170, pl. III, figs. 8, 9).

Ectatops nn. spp. Carin Cheba, Amboina. **Kirkaldy,** G. W. and **Edwards,** S. *l.c.* (166, pl. III, fig. 3).

Euryophthalmus Laporte, Beschreibung einiger Arten, nn. spp. Brasilien. **Kirkaldy**, G. W. and **Edwards**, S. *l.c.* (162–163).

Indra n. gen., *I. philarete* n. sp. Java. **Kirkaldy**, G. W. and **Edwards**, S. *l.c.* (170, pl. III, fig. 5).

Odontopus zoraida n. sp. Gabun. **Kirkaldy**, G. W. and **Edwards**, S. *l.c.* (169).

Peggichisme n. nom. for *Davila*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Physopelta indra n. sp.. Mahe. **Kirkaldy**, G. W. and **Edwards**, S. Wr. Entomol. Ztg, Wien, **21**, 1902, (165); *P. melanoptera* n. sp. W. Africa. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (61).

Polychisme n. nom. for *Imbrius*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Probergrothius n. nom. for *Odontopus*. **Kirkaldy**, G. W. *l.c.* (280).

Pyrrhocoris apterus L., *P. marginatus* Kol., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (576).

Scopiastes bergrothi n. sp. Queensland. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13–17).

Thaumastaneis n. gen., *T. montandoni* n. sp. Brasilien. **Kirkaldy**, G. W. and **Edwards**, S. *l.c.* **21**, 1902, (163–164, pl. III, fig. 4).

Theraneis lurida Distant, Beschreibung. **Kirkaldy**, G. W. and **Edwards**, S. *l.c.* (161–172).

TINGIDAE.

Corythuca, development; *C. arcuata: crataegi* n. subsp. **Morrill**, A. W. Psyche, Cambridge, Mass, **10**, 1903, (128-134, with 1 pl.).

Gelchossa n. nom. for *Leptostyla*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Maccenas n. nom. for *Tingis*. **Kirkaldy**, G. W. *l.c.* (280).

Monanthia echii Schok., *M. platyoma* Fieb., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (576).

Phyllochisme n. nom. for *Rhysatochila*, L. & S. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Phyllontocheila angusticollis H. Sch., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (576).

Piesma kolenatii Fieb., faunistisch. **Horváth**, G. *l.c.* (576).

Serenthia ruficornis Germ., faunistisch. **Horváth**, G. *l.c.* (576).

ARADIDAE.

Aradus cinnamomeus Panz. als Schadeinsekt auf der Kiefer. (Schwedisch) **Elfving**, K. O. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (31–32).

HYDROMETRIDAE.

Gerris thoracicus Schumm var. *rapidus* n. var. **Horváth**, G. Ann. Hist. Nat. Mus. Nat. Hung., Budapest, **2**, 1901, (576).

Metrocoris, table of species, *M. distanti* n. sp. Zoutpansberg. **Kirkaldy**, G. W Entomologist, London, **1904**, (61–62)

Velia brunnea n. sp. Bolivia. **Osborn**, H. [Contributions from the Department of zoology and entomology, Ohio State university, No. 20]. Ohio Nat., Columbus, Ohio, **5**, 1904, (204).

HENIOCEPHALIDAE.

Henicocephalus braunsii n. sp. Kapland. **Bergroth**, E. Wr. Entomol. Ztg, Wien, **22**, 1903, (253–256); *H. pugnatorius* n. sp. Cape Colony. **Distant**, W. L. Entomologist, London, **1904**, (278).

Phthirocoris n. gen., *P. antarcticus* n. sp. Crozet Island. **Enderlein**, G. Zool. Anz., Leipzig, **27**, 1904, (783–788).

Sphigmocephalus n. gen. = *Henicocephalus cureulio* Karsch. **Enderlein**, G. *l.c.* (783–788).

PHYMATIDAE.

Glossopelta dudgeoni n. sp. Kangra. **Distant**, W. L. Entomologist, London, **1904**, (277).

REDUVIIDAE.

General.

Breddin, G. [Larvae of *Reduviidae* from the nests of ants and termites.] Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (412–416).

Special.

Acanthaspis nn. spp. **Distant,** W. L. Fauna Brit Ind., Rhynchota, London, **2**, Pt. 2, 1904, (258–268); *A.* (*Tetroxia*) *affinis* n. sp. Ostafrika, Congostaat. **Schouteden,** H. Wr. Entomol. Ztg, Wien, **21**, 1902, (233–243); *A.* (*Plynus*) *breddini* n. sp. Kamerun. **Varela,** A. G. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (55).

Alcmena nn. spp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (367).

Allocorhynchus nn. spp. Neucaledonien, Nordafrika. **Kirkaldy,** G. W. Wr. Entomol. Ztg, Wien, **20**, 1901, (219–225); *A. bengalensis* n. sp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (394).

Arcesius fusculus n. sp. **Distant,** W. L. *l.c.* (351).

Argolis (*Caunus*) nn. spp. Congo, Centralafrika. **Schouteden,** H. Wr. Entomol. Ztg., Wien, **21**, 1902, (233–243).

Audernacus n. gen., *A. andamanensis* n. sp. **Distant,** W. L. Fauna Brit Ind., Rhynchota, London, **2**, Pt. 2, 1904, (306).

Bartacus n. gen. **Distant,** W. L. *l.c.* (374).

Bayerus n. gen., *B. cuneatus* n. sp. **Distant,** W. L. *l.c.* (307).

Brassivola n. gen., *B. hystrix* n. sp. Ceylon. **Distant,** W. L. *l.c.* (373–374).

Brontostoma n. nom. for *Mindarus*. **Kirkaldy,** G. W. Entomologist, London, **1904**, (280).

Centraspis insignis n. sp. Congo. **Schouteden,** H. Wr. Entomol. Ztg, Wien, **21**, 1902, (233–243).

Centrocnemis dearmata n. sp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (246).

Conorrhinus megistus, attacks on man. **Poulton,** E. B. London, Trans. Ent. Soc., **1904**, (Proc. LXXVI); *C. sanguisuga*. **Davidson,** A. Los Angeles, Bull. So. Cal. Acad. Sci., **2**, 1903, (120–122).

Coranus mongolicus n. sp. Mongolia. **Jakovlev,** V. E. Rev. russ. ent., Jaroslavlĭ, **4**, No. 1, 1904, (23–26); *C. subapterus* De Geer, faunistisch. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577).

Crascius melanopterus = (*Castrucius insignis* Dist.) **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (276).

Dithmarus n. gen. *Stenopodinae*, *D. atromaculatus* n. sp. Transvaal. **Distant,** W. L. *l.c.* (353–354).

Dodonaeus n. gen., *D. humeralis* n. sp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (398–399).

Durganda fulvescens n. sp. **Distant,** W. L. *l.c.* (283).

Ectomocoris nn. spp. **Distant,** W. L. *l.c.* 1904, (293–296).

Edocla pelia n. sp. **Distant,** W. L. *l.c.* (275).

Elaphocranus n. gen., *E. tarandus* n. sp. Cameroons. **Bergroth,** E. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (357–358).

Endochus nn. spp. Transvaal. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (355); *E.* nn. spp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota London, **2**, Pt. 2, 1904, (367).

Epidaus atrispinus n. sp. **Distant,** W. L. *l.c.* (372).

Eriximachus n. gen., *E. globus* n. sp. **Distant,** W. L. *l.c.* (323–324).

Euvonymus n. gen., *E. spiniceps* n. sp. **Distant,** W. L. *l.c.* (244–245).

Godefridus n. gen., *G. alienus* n. sp. **Distant,** W. L. *l.c.* (328–329).

Harpactor femoralis n. sp. Transvaal. **Distant,** W. L. Ann. Mag., Nat. Hist., London, (Ser. 7), **13**, 1904, (355); *H. geniculatus* n. sp. Transcaucasia. **Jakovlev,** V. E. Rev. russ. ent., Jaroslavlĭ, **4**, 2-3, 1904, (94); *H. iracundus* Poda, faunistisch. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577); *H. squalus* n. sp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (333).

Havinthus trochanterus n. sp. N. Queensland. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (269).

Henricohahnia gallus n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (389).

Hermillus rufipes n. sp. Kamerun. **Schouteden**, H. Wr. Entomol. Ztg, Wien, **21**, 1902, (233–243).

Heteropinus discretus, characters. **Bergroth**, E. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (362).

Irantha consobrina n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (386).

Isachisme n. nom. for *Algol*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Libavius n. gen., *L. greeni* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (313).

Linshcosteus n. gen., *L. carnifex* n. sp. **Distant**, W. L. *l.c.* (287).

Lisarda varelae n. sp. Cameroons. **Bergroth**, E. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (360–361).

Lorichius n. gen., *L. umbonatus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (402–403).

Marbodus n. gen., *M. exemplificatus* n. sp. **Distant**, W. L. *l.c.* (248).

Mestor n. nom. for *Lamus*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Mindarus abietinus Koch im badischen Schwarzwalde. **Nüsslin**, O. Allg. Forstztg, Frankfurt a. M., **80**, 1904, (1–5).

Nabis nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (400–401); *N. christophi* Dohrn., *N. ferus* L., *N. rugosus* L., faunistisch, *N. cinerascens* n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (571); *N. fasciata* Stål., Bemerkungen, *N.* (*Poecilta*) *eva* n. sp. Abyssinien, Eritrea. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **20**, 1901, (219-225).

Odontogonus n. nom. Cameroons. **Bergroth**, E. Madrid, Bol. soc. esp. hist. nat. **4**, 1904, (361).

Peregrinator n. nom. for *Microleptes*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Phonergates nn. spp. Congo. **Schouteden**, H. Wr. Entomol. Ztg, Wien, **21**, 1903, (233-243); *P.* (*Clopophora*) *nuptura* n. sp. Kamerun. **Varela**, A. G. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (55–56).

Phonoctonus elegans n. sp. Kamerun. **Varela**, A. G. *l.c.* (56).

Phonolibes bimaculatus n. sp. Transvaal. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (354).

Phorticus elinor n. sp. Sungapur. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **20**, 1901, (219–225).

Physorhynchus pedestris n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (320–322).

Quercetanus n. gen., *Q. atromaculatus*, *Q. relatus* nn. spp. **Distant**, W. L. *l.c.* (310–311).

Raphidosoma tuberculatum n. sp. **Distant**, W. L. *l.c.* (330).

Reduviolus capsiformis, (Germar), *R. subcoleoptratus* (Kirby), Bemerkungen, nn. spp. Sumatra, Colorado, etc. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **20**, 1901, (219–225).

Reduvius tenuicornis Jak, faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577), *R. transnominalis* n. nom., nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (251–253).

Rhamphocoris n. gen., *R. dorothea* n. sp. Culo Laut. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **20**, 1901, (219–225).

Rulandus n. gen., *R. phaedrus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (396).

Scadra tibialis n. sp. **Distant**, W. L. *l.c.* (309).

Serideutus n. gen., *S. denticulatus* n. sp. British Guiana. **Osborn**, H. Ohio Nat., Columbus, Ohio, **5**, 1904, (203).

Sminthocoris n. nom. for *Smithus* Stål. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, pt. 2, 1904, (279).

Sphedanolestes nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (342).

Stegius n. gen., *S. pravus* n. sp. **Distant**, W. L. *l.c.* (323).

Sycanus nn. spp. **Distant**, W. L. *l.c.* (356).

Tapeinus nn. spp. Borneo. **Breddin**, G. Wr. Entomol. Ztg, Wien, **21**, 1902, (23–24).

Tragelaphodes n. gen., *T. hirculus* n. sp. Cameroons. **Bergroth**, E. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (358–360).

Villanovanus n. gen. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (364).

Westermannias n. nom. for *Westermannia*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

CERATOCOMBIDAE.

Ceratocombus nn. spp. New Mexico. **Uhler**, P. R. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (361–362).

Crescentius n. gen., *C. principatus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (408–409).

CIMICIDAE.

Piezostethus Fall., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577).

Triphleps nigra Wolff, faunistisch. **Horváth**, G. *l.c.* (577).

ANTHOCORIDAE.

Amphiareus n. gen. for *Xylocoris fulvescens* Walk. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (220).

Anthocoris pilosus Jak., faunistisch. **Horváth**, G. Ann. Hist-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577).

Arnulphus n. gen., *A. aterrimus* n. sp. Burma. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (220).

Lippomanus n. gen., *L. hirsutus* n. sp. Burma. **Distant**, W. L. *l.c.* (221).

Ostorodias n. gen., *O. contubernalis* n. sp. Himalaya. **Distant**, W. L. *l.c.* (219).

Sesellius n. gen. for *Anthocoris parallelus* Motsch. **Distant**, W. L. *l.c.* (221).

POLYCTENIDAE.

Polyctenes Gigl., *P. intermedius* n. sp. **Speiser**, P. Zool. Jahrb., Jena, Suppl. **7**, 1904, (373–380, mit 1 Taf.).

CAPSIDAE.

Actinonotus pulcher H. S., description. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 14, 1904, (3).

Adelphocoris funebris n. sp. Corea. **Reuter**, O. M. Rev. russ. ent., Jaroslavlʹ, **4**, No. 1, 1904, (34–36); *A. lineolatus* Goeze, *A. lineolatus* var. *implagiatus* Westh., *A. selicornis* Fabr., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577).

Agraptocoris n. gen., *A. concolor* n. sp. Russia. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 4, 1904, (6–7).

Alloeonycha n. gen., *A. mayri* n. sp. **Reuter**, O. M. *l.c.* (8–10).

Anapus flavicornis n. sp. Jak.? in litt. **Reuter**, O. M. *l.c.* (5–6); *A. pectoralis* n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577–584).

Angerianus n. gen., *A. fractus*, *A. maurus* nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (437–438).

Anniessa n. gen., *A. chlaunacha* n. sp. Brasilien. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13–17).

Annona smithi (= *labeculata* Uhl. nec Dist.), Grenada: *antilleana* (= *Mala decoloris* Uhl.). St. Vincent. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (62).

Araspus n. gen., *Bryacoraria* for *Lopus partilus* Walk. **Distant**, W. L. *l.c.* **13**, 1904, (112).

Aculanus n. gen. near *Disphinctus*, *A. marshalli* n. sp. Mashonaland. **Distant**, W. L. *l.c.* (198).

Argenis n. gen., *Cylaparia* for *Capsus incisuratus* Walk. **Distant**, W. L. *l.c.* (107); *A. alboviridescens* n. sp. Ceylon. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (435).

Armachanus n. gen., *A. monoceros* n. sp. **Distant**, W. L. *l.c.* (478–479); *A. spicatus* n. sp. N.W. Australia. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (203).

Atomophora nn. spp. Russia. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 4, 1904, (10–15).

Atomoscelis onustus Fieb., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578).

Atractotomus brevicornis Reut. ♂ description. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 14, 1904, (17).

Bertsa n. nom. for *Berta*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Bilia n. gen., *B. fracta* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (480).

Bothriomiris testaceus n. sp. **Distant**, W. L. *l.c.* (470).

Breddiniessa n. nom. = *Periscopus*, Breddin. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13–17).

Callicratides n. gen. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (417).

Calocoris spp., description. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 14, 1904, (2–3); *C. dohertyi* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (452).

Camponotidea saundersi Put., description. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 14, 1904, (4).

Camptobrochis nn. spp. S. Africa. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (201, 202); *C.* nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (460–462); *C. brevis* n. sp. New Mexico. **Uhler**, P. R. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (359); *C. oculatus* n. sp. Aethiopia. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, 1904, (3); *C. punctulata* Fall., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577); *C. signatus* n. sp. N. Queensland. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (274).

Campylognathus fulvus n. sp. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 14, 1904, (18).

Campylotropis n. gen., *C. jakovlevi* n. sp. Corea. **Reuter**, O. M. Rev. Russ. ent., Jaroslavlĭ, **4**, No. 1, 1904, (34–36).

Capellanus n. gen. *Phytocoraria* Walk. for *Lygus sparsus* Dist. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (109).

Capsus nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (468–469).

Chamus n. gen. *Cylaparia*, *C. wealei* n. sp. Cape Colony. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (197).

Charagochilus nigricornis n. sp. Athiopica. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, 1904, (2).

Charitocoris n. gen., *C. pallidus* n. sp. Persia. **Reuter**, O. M. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9**, 1–2, 1904, (5–16).

Chlamydatus pullus Reut., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578).

Chlorosomella n. gen., *C. geniculata* n. sp. Aethiopia. **Reuter**, O M. Helsingfors, Öfvers. F. Vet. Soc., **46**, 1904, (1–18).

Clapmarius n. gen., *C. turgidus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (419-420).

Clivinema rubida n. sp. New Mexico. **Uhler**, P. R. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (355).

Combalus n. gen., *C. novilius* n. sp. Assam. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (431).

Cyphodema ? junodi n. sp. Transvaal. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (201).

Daybertus n. gen. near *Episcopus* for *Capsus darwini,* etc. **Distant,** W. L. *l.c.* (203).

Deracocoris nn. spp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2,** Pt. 2, 1904, (467); *D.* spp. **Reuter,** O. M. Helsingfors, Öfvers. F. Vet. Soc., **46,** No. 14, 1904, (5).

Dichrooscytus consobrinus n. sp. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (577, 583–584); *D. elegans* n. sp. New Mexico. **Uhler,** P. R. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27,** 1904, (356).

Diognetus n. gen., *D. intonsus* n. sp. Ceylon, **Distant,** W. L. Fauna Brit. Ind. Rhynchota, London, **2,** Pt. 2, 1904, (431–432).

Disphinctus elegans n. sp. **Distant,** W. L. *l.c.* (445).

Estuidus n. gen. near *Malalasta, E. foveatus, E. marginatus* nn. spp. N. Queensland. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (273).

Eucerocoris suspectus n. sp. N. Queensland. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (271).

Felisacus n. nom., *F. magnificus* n. sp. Ceylon. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2,** Pt. 2, 1904, (433–439).

Fingulus n. gen. near *Physebonatus, F. atrocoeruleus* n. sp. N. Queensland. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (275).

Fulgentius n. gen. *Herdonaria, F. mandarinus* n. sp. China. **Distant,** W. L. *l.c.* (103, 104).

Gallobelicus n. gen., *G. crassicornis* n. sp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2,** Pt. 2, 1904, (477–478).

Gismunda n. gen., *G. chelonia* n. sp. **Distant,** W. L. *l.c.* (463).

Globiceps dispar Boh., faunistisch. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (577); *G. parviceps* n. sp. **Reuter,** O. M. Ent. Mag., London, **40,** 1904, (51).

Guisardus n. gen., *G. pellucidus* n. sp. **Distant,** W. L. Fauna Brit. Ind. Rhynchota, London, **2,** Pt. 2, 1904, (436).

Halticus chrysolepis n. sp. Honolulu. **Kirkaldy,** G. W. Entomologist, London, **1904,** (179); *H. intermedius* n. sp. **Uhler,** P. R. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27,** 1904, (360).

Harpedona n. gen., *H. marginata* n. sp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2,** Pt. 2, 1904, (418–419).

Hathor n. gen., *H. zoraida* n. sp. Congo. **Kirkaldy,** G. W. and **Edwards,** S. Wr. Entomol. Ztg, Wien, **21,** 1902, (168, pl. III, fig. 6).

Helopeltis oryx n. sp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2,** Pt. 2, 1904, (441).

Hermotinus n. gen., *H. signatus* n. sp. **Distant,** W. L. *l.c.* (462).

Horcias nn. spp. S. America. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (200).

Hyalopeplus spinosus n. sp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2,** pt. 2, 1904, (447).

Hyoidea notaticeps Reut., faunistisch. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (577).

Hypereides n. nom. = *Melinna* Uhler. **Kirkaldy,** G. W. Wr. Entomol. Ztg, Wien, **22,** 1903, (13–17).

Isometopus feanus n. sp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2,** Pt. 2, 1904, (484).

Kalania n. nom. for *Baracus.* **Kirkaldy,** G. W. Entomologist, London, **1904,** (280).

Laemocoris zarudnyi n. sp. Persia. **Reuter,** O. M. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9,** 1–2, 1904, (5–16).

Laodamia n. nom. = *Strongylotes* Reuter. **Kirkaldy,** G. W. Wr. Entomol. Ztg, Wien, **22,** 1903, (13–17).

Liocoris nn. spp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2,** Pt. 2, 1904, (464).

Lissocapsus n. gen., *L. wasmanni* n. sp. Madagascar. **Bergroth,** E. Wr. Entomol. Ztg, Wien, **22,** 1903, (253-256).

Lopus australis Walk. referred to *Pantilius* and described. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (106); *L. bimaculatus* Jak., description. **Reuter,** O. M. Helsingfors, Öfvers. F. Vet. Soc., **46,** No. 14, 1904, (1-2).

Lucitanus n. gen. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2,** Pt. 2, 1904, (465).

Lygus nn. spp. **Distant,** W. L. *l.c.* (455-458); *L. australis* n. nom. for *L. innotatus* Walk., *L. aethiops* n. nom. for *L. limbatus* Walk. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (110, 111); *L. flavoscutellatus* n. sp. N. Queensland. **Distant,** W. L. *l.c.* (273); *L. kalmi* L., *L. pratensis* L., *L. spinolae* Mey., faunistisch. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (577); *L. schonlandi* n. sp. Cape Colony. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (199).

Mabelia n. gen., *M. pulcherrima* n. sp. Brasilien. **Kirkaldy,** G. W. Wr. Entomol. Ztg, Wien, **22,** 1903, (13-17).

Macgregorius n. gen., *M. regalis* n. sp. Queensland. **Kirkaldy,** G. W. *l.c.* (13-17).

Malalasta n. gen., *M. superba* n. sp. **Distant,** W. L. Fauna Brit. Ind., Rhyncota, London, **2,** Pt. 2, 1904, (446).

Malthacosoma adspersum n. sp. **Reuter,** O. M. Helsingfors, Öfvers. F. Vet. Soc., **46,** No. 14, 1904, (11-12).

Matenesius n. gen., *M. marginatus* n. sp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2,** Pt. 2, 1904, (425-426).

Maurodactylus albidus var. *pallidicornis* n. var. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (578).

Megacoelum nn. spp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2,** Pt. 2, 1904, (428-430); *M.* nn. spp. N. Queensland. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (263-276); *M. transvaalensis* n. sp. Pretoria. **Distant,** W. L. *l.c.* (196).

Megalocerasa nn. spp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2,** Pt. 2, 1904, (424-425); *M. doddi* n. sp. New Queensland. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (269).

Megalocoleus sp. ♀. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (578); *M. albidus* n. sp. Russia. **Reuter,** O. M. Helsingfors, Öfvers. F. Vet. Soc., **46,** No. 4, 1904, (9-10).

Mertila n. gen. *Bryocoraria, M. malayensis, M. ternatensis* nn. spp. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (113).

Metriorrhynchomiris n. nom. for *Metriorrhynchus.* **Kirkaldy,** G. W. Entomologist, London, **1904,** (280).

Mevius n. gen., *M. lewisi* n. sp. Ceylon. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2,** Pt. 2, 1904, (453).

Miris atkinsoni n. sp. **Distant,** W. L. *l.c.* (423); *M. calcaratus* Fall. var. *virescens* Fieb., *M. trispinosus* Reut., faunistisch. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (577); *M. ruficeps* n. sp. Cape Colony. **Distant,** W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (105).

Myctorocoris n. gen. New Mexico. **Uhler,** P. R. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27,** 1904, (358).

Myrmecophyes nn. spp. Russia. **Reuter,** O. M. Helsingfors, Öfvers. F. Vet. Soc., **46,** No. 4, 1904, (4-6).

Mystilus n. gen., *M. priamus* n. sp. **Distant,** W. L. Fauna Brit. Ind., Rhynchota, London, **2,** Pt. 2, 1904, (420).

Nanniella n. gen., *N. chalybea* n. sp. Aethiopia. **Reuter,** O. M. Helsingfors, Öfvers. F. Vet. Soc., **46,** 1904, (1-8).

Nasocoris argyrotrichus Reut., faunistisch. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (578).

Neofurius thetis n. sp. Brasilien. **Kirkaldy,** G. W. Wr. Entomol. Ztg, Wien, **22,** 1903, (13-17).

Nichomachus n. gen *Herdonaria*, *N. sloggetti* n. sp. Cape Colony. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (104).

Nicrostratus n. gen., *N. balteatus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (475).

Nyctidea n. gen., *N. moesta* n. sp. Russia. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 4, 1904, (15–17).

Nymannus n. gen *Miraria*, *N. typicus* n. sp. Cape Colony. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (195).

Oncotylus cunealis n. sp. Persia. **Reuter**, O. M. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9**, 1–2, 1904, (14); *O. fuscicornis* n. sp. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 14, 1904, (10–11).

Onomaus n. gen., *O. pompeus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (416–417).

Orthocephalus bilineatus Tak., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577).

Orthotylus nn. spp. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 14, 1904, (6–8); *O. flavosparsus* Sahlb., *O. turanicus* Reut. faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577).

Paracalocoris nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, **2**, Pt. 2, 1904, (450–451); *P. barretti* n. sp. Cape Colony. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (199); *P. capensis* n. sp. Cape of Good Hope. **Distant**, W. L. *l.c.* (110).

Paracarnus grenadensis (= *mexicanus* Uhler), n. sp. Grenada. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (62).

Pharyllus n. gen. Ceylon. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (434).

Phytocoris nn. spp. Russia. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 4, 1904, (1–3); *P.* nn. spp. Persia. **Reuter**, O. M. St. Peterburg, Ann. Mus. Zool. Ac. Sc., **9**, 1–2, 1904, (8–9); *P. crinitus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, pt. 2, 1904, (448).

Plagiognathus albipennis Fall., *P. albipennis* var. *pallidus* Dahlb., *P. alpinus* Reut., *P. bipunctatus* Reut., *P. chrysanthemi* Wolff, faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578); *P. cinerascens* n. sp. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 14, 1904, (17–18).

Pleuroxenotus n. gen., *P. nasutus* n. sp. Russia. **Reuter**, O. M. *l.c.* (7–9).

Poeciloscytus nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (459–460); *P. cuneatus* Dist. (as *Lygus*) = (*obscurus* Uhler); nn. spp. N. Queensland. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (62, 274); *P. unifasciatus* Fabr., *P. cognatus* Fieb., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577).

Polymerus varicornis n. sp. Corea. **Jakovlev**, V. E. Rev. russ. ent., Jaroslavlʹ, **4**, 1–3, 1904, (53–55).

Poronotellus n. nom. for *Poronotus*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Prodromus n. gen., *P. clypeatus*, *P. subflavus*, *P. subviridis* nn. spp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (436–437).

Pronototropis punctipennis Fieb., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578).

Psallopsis basalis n. sp. Persia. **Reuter**, O. M. St. Peterburg, Ann. Mus. Zool. Ac. Sc., **9**, 1–2, 1904, (5–16); *P. longicornis* Jak., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung, Budapest, **2**, 1904, (578).

Psallus proteus Put., description and nn. spp. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 14, 1904, (12–16); *P. singalensis* n. sp. Ceylon. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (482).

Psilorrhamphocoris n. nom. = *Psilorhamphus* Stål. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13–17).

Ragnar n. nom. for *Melanocoris*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Reuterista n. nom. for *Brachybasis*. **Kirkaldy**, G. W. *l.c.* (280).

Sabellicus n. gen. near *Deracocoris* for *Capsus apicifer* and *Lopus sordidus*. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (114).

Scirtetellus seminitens n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577, 584–585).

Sophianus n. gen., *S. alces* n sp. **Distant**, W. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (485–486).

Stenodema nn. spp. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 15, 1904, (8–20).

Tancredus n. gen., *T. sandaracatus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (430).

Tenthecoris bicolor, characters. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (202).

Tiryus n. nom. = *Trichia* Reuter. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13–17).

Trachelonotus n. gen. *T. unifasciatus* n. sp. Persia. **Reuter**, O. M. St. Peterburg, Ann. Mus. Zool. Ac. Sc., **9**, 1–2, 1904, (5–16).

Trichobasis n. gen., *T. setosa* n sp. Aethiopica. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, 1904, (1–8).

Trigonotylus ruficornis Fourer., faunistisch. **Horváth**, G., Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (577).

Turnebus n. gen., *T. cuneatus* n. sp. India. **Distant**, W. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (485).

Tylopeltis n. gen., *T albosignata* n. sp. Aethiopia. **Reuter**, O. M. Helsingfors, Öfvers. F. Vet. Soc., **46**, 1904, (1–8).

Tyraquellus n. gen., *T. maculatus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (471).

Volkelius n. gen. near *Sahlbergella*, *V. sulcatus* n. sp. N. Queensland. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (271).

Zanchisme n. nom. for *Schizonotus*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Zanchius n. gen., *Z. annulatus* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (477).

Zanessa sanguinolenta n. sp. **Distant**, W. L. *l.c.* (432–433).

SALDIDAE.

Leotichius n. gen., *L. glaucopis* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (407).

Salda amplicollis Reut., *S. jakovleffi* Reut., *S. jakovleffi* Reut. var. *moerens* n. var., *S. orthochila* Fieb., *S. pallipes* Fabr., *S. pilosella* Thoms., *S. xanthochila* Fieb., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578); *S. dixoni* n. sp. **Distant**, W. L. Fauna Brit. Ind., Rhynchota, London, **2**, Pt. 2, 1904, (405).

Valleriola n. gen., *V. greeni* n. sp. **Distant**, W. L. *l.c.* (405–406).

GALGULIDAE.

Mononyx luteovarius n. sp. Queensland. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (63).

NEPIDAE.

Cercotmetus fumosus n. sp. Ceylon. **Distant**, W. L. Entomologist, London, **1904**, (278).

Laccotrephes flavovenosa Dohrn (as *Nepa*) = (*japonensis* Scott) nn. spp. Africa. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (63-64).

Macrocoris transvaalensis n. sp. Lydenburg. **Distant**, W. L. Entomologist, London, **1904**, (258).

Ranatra. **Holmes**, S. J. Lansing, Rep. Mich. Acad. Sci., **6**, 1904, (199); *R. fusca*, anatomy. **Marshall**, W. S. and **Severin**, H. Madison, Trans. Wis. Acad. Sci., **14**, (1903), 1904, ([487]-508, with pl.); *R. sordidula* = (*unicolor* Scott) nn. spp. S. Africa. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (64–66).

Thurselinus n. gen., near *Macrocoris*, *T. greeni* n. sp. Ceylon. **Distant**, W. L. Entomologist, London, **1904**, (259).

NOTONECTIDAE.

Notonecta glauca L., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578).

Plea japonica n. sp. **Horváth**, G. *l.c.* (594).

CORIXIDAE.

Corixa concinna Fieb., *C. praeusta* Fieb., faunistisch, *C. acromelaena* n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578, 585–586).

Micronecta nn. spp. **Horváth**, G. *l.c.* (595).

HEMIPTERA HOMOPTERA.

General.

Ashmead, W. H. The Homoptera of Alaska. [*In*: Alaska (Harriman Expedition), edited by C. Hart Merriam. Vol. 8.] New York, 1904, (127–137, with text fig.).

CICADIDAE.

General.

Melichar, L. Analyse der palaearktischen Cikaden aus der Familie *Cicadidae* Fieb. (Čechisch) Prossnitz, Věstn. Kl. Přírod., **5**, 1903, (12–27).

Special.

Angamiana floridula n. sp. Tonkin. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (299).

Antankaria n. gen., type *C. madagascariensis* Dist. **Distant**, W. L. *l.c.* (429).

Arunta n. gen., type *C. perulata* Guérin. **Distant**, W. L. *l.c.* (302).

Cacama n. gen., type *Proarna maura* Dist. **Distant**, W. L. *l.c.* (429).

Chlorocysta vitripennis Westw., *C. macrula* Stål, descriptions. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (659–660, pl. XIX, fig. 6).

Cicada nn. spp. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (330, 331, 428); *C.* nn. spp. **Distant**, W. L. London, Trans. Ent. Soc., **1904**, (673); *C.* nn. spp. N. S. Wales, *C. angularis* Germ., *C. sylvana* Dist., *C. extrema* Dist., *C. intersecta* Walk. = *Fidicina internata* Walk. = *F. prasina* Walk., descriptions. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (580–584); *C. septendecim* in Rhode Island. **Packard**, A. S. Psyche, Cambridge, Mass., **10**, 1903, (218–220); *C. septemdecim* in Maryland. **Quaintance**, A. L. Agric. Exp. Sta., Maryland, College Park, Bull., No. **8**, 1902, (65–116, with 3 pls., 17 figs.); [review] Washington, D.C., U. S. Dept. Agric. Off. Exp. Sta. Rec., **14**, 1903, (988).

Cosmopsaltria khadiga n. sp. Pahang. **Distant**, W. L. London, Trans. Ent. Soc., **1904**, (671, pl. XXX, fig. 9).

Cryptotympana holsti n. sp. Formosa, Sumbawa. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (331, 430); *C. nigra* Stoll. (= *Tettigonia pustulata* Fabr. = *T. atrata* Fabr. = *Cicada atrata* Sign.), description. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (592).

Cyclochila australasiae Donov., descr. **Goding**, F. W. and **Froggatt**, W. W. *l.c.* (569); mating with *Thopha saccata* Amyot. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (116–117, pl. XI).

Cystopsaltria n. gen., type *C. immaculata* n. sp. Queensland. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (661, pl. XXIII, figs. 1–1a).

Cystosoma saundersii Westw., *C. schmeltzi* Dist., descriptions. **Goding**, F. W. and **Froggatt**, W. W. *l.c.* (663–664).

Gaeana maculata Drury (=*Gaeana consors* White), descr. **Goding**, F. W. and **Froggatt**, W. W. *l.c.* (613, pl. XVIII, figs. 4–4b).

Glaucopsaltria n. gen., type *G. viridis* n. sp. Tambourine Mts., Q. **Goding**, F. W. and **Froggatt**, W. W. *l.c.* (658).

Hamza n. gen. for *Platypleura bouruensis*. **Distant**, W. L. London, Trans. Ent. Soc., **1904**, (674).

Henicopsaltria eydouxii Guér. (= *Psaltoda flavescens* Frogg.), descr., *H. perulata* Guér., *H. interclusa* Walk., *H. fullo* Walk., *H. nubivena* Walk., descr. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (574–578); *H. pygmaea* n. sp. S. W. Australia. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (303).

Huechys vidua White, descr. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (614, pl. XVIII, figs. 10–10b).

Ioba n. gen., type *P. leopardina* Dist. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (295).

Kanakia congrua n. sp. Kuranda and Brisbane, Q. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (656, pl. XVIII, figs. 6, 6a, 6b).

Koma n. gen., type *P. bombifrons* Karsch. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (296).

Kongota n. gen., type *P. punctigera* Walk. **Distant**, W. L. *l.c.* (298).

Macrotristria nigrovenosa n. sp. N. Queensland. **Distant**, W. L. *l.c.* (329); *M. nigrosignata* n. sp. W. Australia. **Distant**, W. L. London, Trans. Ent. Soc., **1904**, (673, pl. XXIX, fig. 7).

Melampsalta nn. spp. Australia. *M. torrida* Erich. (= *Cicada basiflamma* Walk = *C. connexa* Walk. = *C. damater* Wtk.), *M. umbrimargo* Wlk., *M. convergens* Wlk., *M. labeculata* Dist., *M. interstans* Wlk., *M. abdominalis* Dist., *M. denisoni* Dist., *M. banans* Germ., *M. landsbroughi* Dist., *M. oldfieldi* Dist., *M. texiope* Walk. (= *Cicada duplex* Walk. = *C. arche* Wlk.), *M. angusta* Wlk. (*Cicada rosea* Wlk. = *C. vilinea* Walk. = *Melampsalta rosea* Stäl. = *Cicada muta* Hudson), *M. quadricincta* Walk., *M. marginata* Leach, *M. labyrinthica* Wlk., *M. aaede* Walk., *M. melete* Walk., *M. abbreviata* Walk., *M. latorea* Walk., *M. incepta* Walk., *M. forresti* Dist., *M. mackinlayi* Dist., *M. warburtoni* Dist., *M. convicta* Dist., *M. eyrei* Dist., *M. oxleyi* Dist., descriptions. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (631–655).

Muansa n. gen., type *P. clypealis* Karsch. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (295).

Munza n. gen., type *P. laticlaria* Stål. **Distant**, W. L. *l.c.* (297).

Oria n. gen., type *Cicada boliviana* Dist. **Distant**, W. L. *l.c.* (429).

Pauropsalta n. gen., *P. leurensis*, *P. castanea*, *P. prolongata*, *P. extensa*, *P. nigristriga*, *P. annulata*, *P. nodicosta*, *P. dubia*, *P. rubra*, *P. basalis*, *P. emma*, *P. borealis*, *P. minima* nn. spp. Australia. *P. extrema* Dist., *P. encaustica* Germ. = (*Cicada arclus* Walk. = *C. juvenis* Walk. = *C. dolens*, described), *P. mneme* Walk. (= *Cicada antica* Walk.), *P. incipiens* Walk. *P. leichardti* Dist., *P. multifascia* Walk., (= *Cicada singula* Walk., = *C. obscurior* Walk.), *P. puer* Walk., *P. sericeivitta* Walk., descriptions. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (615–628).

Platypleura nn. spp. **Distant**, W. L. London, Trans. Ent. Soc., **1904**. (667–668); *P.* nn. spp. Africa. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (332–334); *P.* nn. spp. Nordost Afrika. **Jacobi**, A. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (766–767); *P. plagiata* Karsch, Beschreibung, *P. laticollis* n. sp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (25); *P. tepperi* n. sp. Northern Territory, Australia. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (568, pl. XVIII, figs. 5–5a).

Pomponia nn. spp. Mussocree. **Distant**, W. L. *l.c.* (671–672).

Psaltoda plebeia n. sp. N. S. Wales. *P. moerens* Germ., *P. aurora* Dist., *P. flavescens* Dist. (587), *P. pictibasis* Walk., *P. argentata* Germ. (= *Cicada plaga* Walk. = *C. argentata* (?) Walk.), *P. harrisii* Leach (= *Cicada dichroa* Boisd. = *Fidicina sulgutata* Walk.) descriptions. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (586–590).

Pycna nn. spp. Africa. **Distant**, W. L. London, Trans. Ent. Soc., **1904**, (670); *P. coelestia* n. sp. W. China

Distant, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (335).

Rihana n. gen., type *Fidicina ochracea* Walk., *R. scalei*, *R. virgulata* nn. spp. Mexico. **Distant**, W. L. *l.c.* (426, 427).

Sadaka n. gen., type *P. virescens* Karsch. **Distant**, W. L. *l.c.* (296).

Terpnosia nn. spp. India. **Distant**, W. L. London, Trans. Ent. Soc., **1904**, (675, 676).

Tettigarcta tomentosa White, *T. crinita* Dist., descriptions. **Goding**, F. W. and **Froggatt**, W. W. *l.c.* (665–666, pl. XVIII, figs. 3, 3a).

Tettigia tristigma Germ., descr., *T. variegata* n. sp. Townsville, Q. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (594, pl. XVIII, figs. 9–9a).

Thopha saccata Fabr., *T. sessiliba* Dist., descr. **Goding**, F. W. and **Froggatt**, W. W. *l.c.* (571–572, pl. XVIII, figs. 1–5); mating with *Cyclochila australasiae* Don. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (116, 117, pl. XI).

Tibicen nn. spp. Australia. *T. curvicosta* Germ. = *Cicada tephrogaster* Boisd., *T. melanopygius* Germ., *T. interruptus* Walk., *T. gilmorei* Dist., *T. auratus* Walk., *T. coleoptratus* Walk., *T. willsi* Dist., *T. burkei* Dist., *T. gregoryi* Dist., *T. muelleri* Dist., *T. infans* Walk., descriptions. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (608–612); *T. sankara* n. sp. India. **Distant**, W. L. London, Trans. Ent. Soc., **1904**, (675, pl. XXX, fig. 8).

Tosena seebohmi n. sp. Formosa. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (301).

Trismarcha exsul n. sp. Nordost-Afrika. **Jacobi**, A. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (768).

Tympanoterpes hilaris Germ. (= *Cicada subtincta* Walk. = *C. albiflos* Walk. = *C. tomentosa* Walk.), described. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (592).

Ugada n. gen., type *Tettigia limbata* Fabr., *U. nutti* n. sp. Tanganyika. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (299, 366); *U. praecellens* = *Platypleura praecellens* Stål. **Distant**, W. L. London, Trans. Ent. Soc., **1904**, (669).

Umjaba n. gen., type *P. evanescens* Butl. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (298).

Venustria n. gen., type = *V. superba* n. sp. Kuranda, Q. **Goding**, F. W. and **Froggatt**, W. W. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (596–597, pl. XIX, figs. 7–7a).

Xosopsaltria n. nom. for *Pydna*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

Yanga n. gen., type *P. hova* Dist. **Distant**, W. L. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (297).

FULGORIDAE.

General.

Swezey, O. H. Observations on Hymenopterous parasites of certain *Fulgoridae*. [Contributions from the department of zoölogy and entomology, Ohio State University, No. 13.] Ohio Nat., Columbus, Ohio, **3**, 1903, (444–451, incl. pl.).

Special.

Aloha n. gen., near *Megamelus*, n. *ipomeae* n. sp. Oahu. **Kirkaldy**, G. W. Entomologist, London, **1904**, (177).

Amfortas n. nom. for *Gastrinia*. **Kirkaldy**, G. W. *l.c.* (279–280).

Amphiscepa bivittata Say, life history. **Swezey**, O. H. Ohio Nat., Columbus, Ohio, **3**, 1903, (354–357, with pl.); *A. calida*, *A. subpellucida*. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (118–119, Pl. XII, figs. 8, 9).

Anotia nn. spp. Central America. **Fowler**, W. W. *l.c.* (77–79).

Bergias n. nom. for *Bergia*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279–280).

Bothriocera nn. spp. Central America. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, **1904**, (83, 84).

Bothriocerodes n. gen., *B. variegatus*, *B. castaneus*, *B. metallicus* nn. spp. Central America. **Fowler**, W. W. *l.c.* (84, 85).

Bythopsyrna nn. spp. Sumatra. **Schmidt**, E. Stettiner ent. Ztg., **65**, 1904, (188–209).

Caliscelis Lap., synoptische; Übersicht der Arten, nn. spp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (378–385).

Cedusa n. gen. near *Plectoderes*, *C. funesta*, *C. venosa* nn. spp. Mexico. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (28, 29).

Cerynia nigropustulata n. sp. Sumatra. **Schmidt**, E. Stettiner ent. Ztg., **65**, 1904, (182–212).

Chlorioma unicolor H.-Sch., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579).

Cixius nn. spp. Central America. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (96–97).

Colgorma n. nom. for *Teinora*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279–280).

Copsyrna alma n. sp. Sumatra. **Schmidt**, E. Stettiner ent. Ztg., **65**, 1904, (185).

Cyclumna n. gen. *Issidae*, *C. subrotundata* n. sp. Mexico. **Fowler**, W. W. Biol. Centr-Amer., London, Rhyn. Homop., **1**, 1904, (116).

Delphax conspicua n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579, 589–590).

Dendrophora breviceps n. sp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (30).

Dictyophora nn. spp. Trop. Ostafrika. **Melichar**, L. *l.c.* (29, 38).

Eparmene n. gen. *Cixiides*, *E. pulchella* n. sp. Panama. **Fowler**, W. W. Biol. Centr. Amer., London, Rhyn. Homop., **1**, 1904, (101).

Florichisme n. nom. for *Poecilostola*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279–280).

Gelastophantia n. nom. for *Cyarda*. **Kirkaldy**, G. W. *l.c.* (279–280).

Gelastyra n. nom. for *Cibyra*. **Kirkaldy**, G. W. *l.c.* (279–280).

Grynia nigricoxis. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (193, pl. XI, fig. 9).

Haplaxius n. gen. near *Cixius*, *H. frontalis*, *H. laevis* nn. spp. **Fowler**, W. W. *l.c.* (97–98).

Helicoptera nn. spp. **Fowler**, W. W. *l.c.* (106–107, pl. XI).

Heremon n. nom. = *Enipeus* Stål. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13–17).

Hesperophantia n. nom. for *Carthaea*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279–280).

Hyphancyclus n. gen. *Issidae*, *H. excelsus*, *H. falcatus* nn. spp. Mexico. **Fowler**, W. W. Biol. Centr. Amer., London, Rhyn. Homop., **1**, 1904, (117).

Hysteropterum nn. spp. Mexico. **Fowler**, W. W. *l.c.* (119, 120, Pl. XII).

Kareol n. nom. for *Anaquia*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279–280).

Liburnia campestris, life history. **Swezey**, O. H. Washington, D.C., Bull. U. S. Dept. Agric. Div. Ent., No. **46**, 1904, (43–46)

Megamelus leahi n. sp. Oahu. **Kirkaldy**, G. W. Entomologist, London, **1904**, (176).

Metabrixia n. gen., *M. tacta M. germana*, *M. aspersa*, *M. delicata*, *M. maculata* nn. spp. Central America. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (86–88, pl. IX–X).

Micrixia n. gen. *Cixiides*, *M. costalis* n. sp. Mexico. **Fowler**, W. W. *l.c.* (101).

Microlerida n. gen., *Cixiides*, *M. asperata* n. sp. Mexico. **Fowler**, W. W. *l.c.* (99).

Micromasoria n. nom. for *Cona*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279–280).

Mnemosyne planiceps. **Fowler**, W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (102, pl. XI, figs. 7, 8).

Myconus collaris Haglund, Beschreibung. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (25–48).

Nephesa nn. spp. Sumatra. **Schmidt,** E. Stettiner ent. Ztg, **65**, 1904, (205, 211).

Oecleus nn. spp. Centr. America. **Fowler,** W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (89–91).

Oliarus nn. spp. Central America. **Fowler,** W. W. *l.c.* (92–95); *O.* nn. spp. Trop. Ostafrika. **Melichar,** L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (31); *O. leporinus* L.; *O. pallens* Germ. **Horváth,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579).

Ormenis septentrionalis Spin., life history. **Swezey,** O. H. Ohio Nat., Columbus, Ohio, **3**, 1903, (354–357, with pl.).

Ornithissus n. gen., *Issidae*, *O. cockerelli* n. sp. Mexico. **Fowler,** W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (121, 122).

Pachyntheisa n. gen., *Cixiides*, *P. concinna*, *P. excelsior* nn. spp. Mexico. **Fowler,** W. W. *l.c.* (99–100).

Parapioxys nn. spp. Trop. Ostafrika. **Melichar,** L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (27).

Patara marmorata n. sp. Guatemala **Fowler,** W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (79).

Peregrinus n. gen. *Asiracinae* for *Delphax maidis* Ashm. **Kirkaldy,** G. W. Entomologist, London, **1904**, (175).

Phyma nn. spp. Sumatra. **Schmidt,** E. Stettiner ent. Ztg, **65**, 1904, (196–197, 211).

Platyngomiris, Stellung bei den *Cylaparia*. **Kirkaldy,** G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13–17).

Plectoderes nn. spp. Central America. **Fowler,** W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (108–111).

Pochazoides asperatus n. sp. Trop. Ostafrika. **Melichar,** L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (33).

Proteinissus n. gen. *Issidae*, *P. bilimeki* n. sp. Mexico. **Fowler,** W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (121).

Proutista n. nom. for *Assamia*. **Kirkaldy,** G. W. Entomologist, London, **1904**, (279–280).

Pseudohelicoptera n. gen., *P. nasuta* n. sp. Panama. **Fowler,** W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (108).

Pseudoryxa n. gen. *P. carinulata* n. sp. Sumatra. **Schmidt,** E. Stettiner ent. Ztg., **65**, 1904, (200–201).

Putala apicata n. sp. Trop. Ostafrika. **Melichar,** L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (29).

Rhamphixius n. gen. *Cixiides*, *R. championi* n. sp. **Fowler,** W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (81).

Rhinophantia fatua n. sp. Trop. Ostafrika. **Melichar,** L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (33).

Ricania erlangeri n. sp. Trop. Ostafrika. **Melichar,** L. *l.c.* (32).

Ricanopsis semihyalina Melichar, Beschreibung. **Kirkaldy,** G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13–17).

Rudia diluta, *R. bicincta*, and *R.* nn. spp. Central America. **Fowler,** W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (104–105).

Sahlbergella singularis Haglund, Abbildung. **Kirkaldy,** G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13–17).

Seliza squamula n. sp. Trop. Ostafrika. **Melichar,** L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (34).

Southia n. nom. for *Paulia*. **Kirkaldy,** G. W. Entomologist, London, **1904**, (279–280).

Thanatophantia n. nom. for *Alisca*. **Kirkaldy,** G. W. *l.c.* (279–280).

Thanatophara n. nom. for *Colonia*. **Kirkaldy,** G. W. *l.c.* (279–280).

Thionia nn. spp. Mexico. **Fowler,** W. W. Biol. Centr.-Amer., London, Rhyn. Homop., **1**, 1904, (123–124).

Ulixes intermedius n. sp. Mexico. **Fowler,** W. W. *l.c.* (115).

Uxantis taenia n. sp. Sumatra. **Schmidt,** E. Stettiner ent. Ztg, **65**, 1904, (206).

Walkeria melichari n. sp. Sumatra. **Schmidt,** E. *l.c.* (192).

Xosias n. nom. for *Eteocles*. **Kirkaldy,** G. W. Entomologist, London, **1904**, (279–280).

Xosophara n. nom. for *Rhinortha*. **Kirkaldy**, G. W. *l.c.* (279–280).

MEMBRACIDAE.

Melichar, L. Analyse der palaearktischen Cikaden aus der Familie *Membracidae* Stål und *Cercopidae* Stål. (Čechisch) Prossnitz, Věstn. Kl. Přírod., **4**, 1902, (1–34, mit 1 Taf.).

CERCOPIDAE.

General.

Melichar, L. Analyse der palaearktischen Cikaden aus der Familie *Membracidae* Stål und *Cercopidae* Stål. (Čechisch). Prossnitz, Věstn. Kl. Přírod., **4**, 1902, (1–34, mit 1 Taf.).

Special.

Aphrophora parallela, protective secretion, habits, etc. **Girault**, A. A. Canad. Ent., Toronto, **36**, 1904, (44–48).

Hemiapterus n. gen., *H. decurtatus* n. sp. Nordost Afrika. **Jacobi**, A. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (778).

Locris nn. spp. Nordost Afrika. **Jacobi**, A. *l.c.* (772–773).

Ptyelus aethiops n. sp. Nordost Afrika. **Jacobi**, A. *l.c.* (775); *P. spumaris* L. var. *fasciatus* Fabr., faunistisch. **Horváth**, G. Ann. Hist. Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579).

Tomaspis invenusta n. sp. Nordost-Afrika. **Jacobi**, A. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (771).

JASSIDAE.

General.

Ball, E. D. Food plants of some *Bythoscopidae*. Ohio Nat., Columbus, Ohio, **3**, 1903, (397–399).

Special.

Acocephalus nervosus Schok., faunistisch. **Horváth**, G. Ann. Hist. Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579).

Aconura volgensis Leth., faunistisch. **Horváth**, G. *l.c.* (579).

Alchisme n. nom. for *Triquetra*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279).

Athysanus ignoscus Mel., *A. pallasi* Leth., *A. schenckii* Kb., faunistisch. **Horváth**, G. Ann. Hist. Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579).

Betsileonas n. nom. = *Thaumastus* Stål. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13–17).

Boethoos n. nom. for *Parmula*, **Kirkaldy**, G. W. Entomologist, London, **1904**, (279).

Cicadula binotata Sahlb., *C. sexnotata* Fall., *C. sexnotata* Fall. var. *diminuta* Leth., faunistisch. **Horváth**, G. Ann. Hist. Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579); *C. clypeata* n. sp. Trop. Ostafrika. **Melichar**, L, Wien, Verh. ZoolBot. Ges., **54**, 1904, (47); *C. ungae* n. sp. Alaska. **Ashmead**, W. H. Alaska (Harriman Expedition), New York, **8**, 1904, (134).

Deltocephalus nn. spp. Alaska. **Ashmead**, W. H. *l.c.* (132); *D.* nn. spp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (45–46); *D. collinus* Boh., *D. medius* M. R., *D. striatus* L., faunistisch., *D. stummeri* n. sp. **Horváth**, G. Ann. Hist. Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579); *D. hospes* n. sp. Oahu. **Kirkaldy**, G. W. Entomologist, London, **1904**, (177).

Dioclophara n. nom. for *Lucilla*. **Kirkaldy**, G. W. *l.c.* (279).

Eteoneus n. nom. for *Anomus*. **Kirkaldy**, G. W. *l.c.* (279).

Eutettix perkinsi n. sp. Oahu. **Kirkaldy**, G. W. *l.c.* (178); *E. quadripunctatus* n. sp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (44).

Gelastogonia n. nom. for *Oxygonia*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279).

Gelastophara n. nom. for *Hypselotropis*. **Kirkaldy**, G. W. *l.c.* (279).

Gnathodus bipunctatus n. sp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (47); *G. punctatus* Thunb., faunistisch, var. *lineolatus*

n. var. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (578).

Hecalus dubius n. sp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (36).

Hesperophara n. nom. for *Leptophara*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279).

Idiocerus albicans Kb., *I. nobilis* Fieb., *I. poecilus* H.-Sch., faunistisch, *I. almásyi* n. sp. **Horváth**. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579, 588).

Igerna n. nom. = *Pachynus* Stål. **Kirkaldy**, G. W. Wr. Entomol. Ztg, Wien, **22**, 1903, (13–17).

Jafar n. nom. = *Setabis* Stål. **Kirkaldy**, G. W. *l.c.* (13–17)

Jassus sexnotatus, Auftreten im Mai und Juni des Jahres 1901 in der Provinz Posen. **Jungner**, J. R. Landw. Centralbl., Posen, **29**, 1901, (213–215).

Kronides n. nom. for *Argante*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279).

Macropsis serena n. sp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (35).

Mysolis n. nom. for *Norsia*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279).

Palicus nn. spp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (40–41).

Parabolocratus taenionotus n. sp. Jambo. **Jacobi**, A. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (761–782, mit 1 Taf.).

Pediopsis pictipes n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579–589).

Phlepsius nn. spp. Trop. Ostafrika. **Melichar**, L. Wien, Verh. ZoolBot. Ges., **54**, 1904, (38–40).

Platymetopius niveimarginatus n. sp. Trop. Ostafrika. **Melichar**, L. *l.c.* (43).

Scaphoideus strigulatus n. sp. Trop. Ostafrika. **Melichar**, L. *l.c.* (42).

Siva bipunctula n. sp. Trop. Ostafrika. **Melichar**, L. *l.c.* (38).

Stymphalus ? calliger n. sp. Trop. Ostafrika. **Melichar**, L. *l.c.* (37).

Sundarion n. nom. for *Pyranthe*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279).

Tettigonia viridis L., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579); in Bulgaria. **Malkoff**, K. Zs. Pflanzenkrankh., Stuttgart, **14**, 1904, (40–43).

Tettigoniella n. nom. = *Tettigonia* auct. Nordost Afrika. **Jacobi**, A. Zool. Jahrb., Jena, Abt. f. Syst., **19**, 1904, (778).

Thamnotettix haematoceps M. R. var *opacus* Kb., *T. vittiventris* Leth., faunistisch, *T. macilentus* n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579).

Thrasymedes n. nom. for *Phacusa*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (279).

Zanophara n. nom. for *Daunus*. **Kirkaldy**, G. W. *l.c.* (279).

PSYLLIDAE.

Aphalara nn. spp. Alaska. **Ashmead**, W. H. Alaska, (Harriman Expedition), New York, **8**, 1904, (135–136); *A. innoxia* Frst., faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579).

Psylla alaskensis n. sp. Alaska. **Ashmead**, W. H. Alaska (Harriman Expedition), New York, **8**, 1904, (137); *P. dudai* n. sp. **Šulc**, K. Prag, Čas. České Spol. Entomolog., **1**, 1904, (37–40); *P. glycyrrhizae* Beck., faunistisch; *P. nasuta* n. sp. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579); *P. mali*. **Theobald**, F. V. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44**, 1904, (62–70).

Rhinocola bicolor Scott, faunistisch. **Horváth**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (579).

Trichochermes n. nom. for *Trichopsylla*. **Kirkaldy**, G. W. Entomologist, London, **1904**, (280).

APHIDAE.

General.

Pergande, T. On some of the Aphides affecting grains and grasses of the United States. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44,** 1904, (5-23, with text fig.).

——— *Aphididae* of the expedition. [Reprinted from Washington, D.C., Proc. Acad. Sci., **2,** 1900, (513-517).] [*In*: Alaska (Harriman Expedition), edited by C. Hart Merriam, Vol. 8.] New York, 1904, (119-125).

Sanborn, C. E. Kansas *Aphididae*. With catalogue of North American *Aphididae* and host-plant and plant-host list. Lawrence, Kan. Univ. Sci. Bull., **3,** 1904, ([1]-82, with 22 pls.).

Schouteden, H. Aphiden. (Ergebnisse der Hamburger Magalhaensischen Sammelreise. Lfg 7. No. 7.) Hamburg (L. Friederichsen & Co.), 1904, (6).

Tolf, R. On plant-lice. (Swedish) Sv. Mosskult. Tidskr., Jönköping, **16,** 1902, (514-516).

Special.

Aphis nn. spp. Kansas. **Sanborn,** C. E. Lawrence, Kan. Univ. Sci. Bull., **3,** 1904, ([1]-82, with 22 pls.); *A. rosae*, Eireifung. **Stschelkanovzew,** J. P. (Vorl. Mitt.) Biol. Centralbl., Leipzig, **24,** 1904, (104-112); *A. persicae-niger*, Sm. (Peach-*Aphis*), general ethology, "Parasites," economics. **Froggatt,** W. W. Agric. Gaz., Sydney, N.S.W., **15,** 1904, (603-612, with 2 pls.).

Callipterus genevei n. sp. Kansas. **Sanborn,** C. E. Lawrence, Kan. Univ. Sci. Bull., **3,** 1904, ([1]-82, with 22 pls.).

Chaitophorus nn. spp. Kansas. **Sanborn,** C. E. *l.c.* ([1]-82, with 22 pls.).

Chermes coccineus Rtz., statisches Organ. **Stauffacher,** H. Allg. Zs. Ent., Neudamm, **9,** 1904, (361-375); *C. piceae* Ratz, Biologie. **Nüsslin,** O. Ntw. Zs. Landw., Stuttgart, **1,** 1903, (25-33, 59-67); *C. orientalis* und *C. pini*, Erlöschen der Migration. **Cholodkowsky,** N. Zool. Anz., Leipzig, **27,** 1904, (476-479).

Cladobius beaulahensis n. sp. New Mexico. **Cockerell,** T. D. A. Canad. Ent., Toronto, **36,** 1904, (263).

Dryaphis n. nom. for *Dryobius*. **Kirkaldy,** G. W. Entomologist, London, **1904,** (279).

Dryopeia n. nom. for *Endeis*. **Kirkaldy,** G. W. *l.c.* (279).

Forda nn. spp. New Mexico. **Cockerell,** W. P. Psyche, Cambridge, Mass., **10,** 1903, (216-218).

Hamadryaphis n. nom. for *Kessleria*. **Kirkaldy,** G. W. Entomologist, London, **1904,** (279).

Hyadaphis n. nom. for *Siphonocoryne* Pass. 1863 not 1860. **Kirkaldy,** G. W. *l.c.* (279).

Macrosiphum ambrosiae var. **Cockerell,** T. D. A. Canad. Ent., Toronto, **36,** 1904, (262); *M. squarrosa* n. sp. Kansas. **Sanborn,** C. E. Lawrence, Kan. Univ. Sci. Bull., **3,** 1904, ([1]-82, with 22 pls.); *M. trifolii* n. sp. **Pergande,** T. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44,** 1904, (21).

Myzus biennis n. sp. Kansas. **Sanborn,** C. E. Lawrence, Kan. Univ. Sci. Bull., **3,** 1904, ([1]-82, with 22 pls.); *M. michaelseni* n. sp. **Schouteden,** H. Hamburger Magalhaensische Sammelreise, Lfg 7, No. 7, 1904, (3).

Nectarophora nn. spp. Alaska and Bering Sea. **Pergande,** T. Alaska (Harriman Expedition), New York, **8,** 1904, (119-125).

Panaphis n. nom. for *Ptychodes*. **Kirkaldy,** G. W. Entomologist, London, **1904,** (279).

Pemphigus burrowi n. sp. Kansas. **Sanborn,** C. E. Lawrence, Kan. Univ. Sci. Bull., **3,** 1904, ([1]-82, with 22 pls.); *P. poschingeri*, an Nadelhölzern. **Flemming.** Ber. Vers. sächs. Forstver., Tharandt, **47,** 1903, (96-98).

Phylloxera, destruction de l'œuf d'hiver par le lysol. **Cantin,** G. Paris, C.-R. Acad. sci., **138,** 1904, (178-180); *P.* neue Beobachtungen und Versuche, betreffend die Biologie. **Moritz,** J. Zs. Obstbau, Dresden, N.F., **29,** 1903, (135-137, 149-150); *P. vastatrix*. **Lipp,** J. K. Strassburg, Monatsber. Ges. Wiss., **38,** 1904, (91-141); *P. vastatrix*, Feinde. **Schuster,** W. Ornith. Monatschr., Gera, **29,** 1904, (496-497);

P. vastatrix, in Hessen-Nassau (von 1878 bis 1902). **Schuster**, W. Zool. Garten, Frankfurt a. M., **45**, 1904, (184–186).

Rhopalosiphum acaenae n. sp. **Schouteden**, H. Hamburger Magalhaensische Sammelreise, Lfg. 7, No. 7, 1904, (4).

Schizoneura lanigera, die Blutlaus im Lichte der amerikanischen Forschung. **Richter**, W. A. Prakt. Ratgeber Obstbau, Frankfurt a. O., **17**, 1902, (415–417).

Tychea nn. spp. New Mexico. **Cockerell**, W. P. Psyche, Cambridge, Mass., **10**, 1903, (216–218).

ALEURODIDAE.

Aleyrodes nn. spp. California. **Bemis**, F. E. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (471–537); *A.* nn. spp. Massachusetts. **Morrill**, A. W. Psyche, Cambridge, Mass., **10**, 1903, (80–85, with text fig.); *A.* sp. **Weed**, C. M. and **Conradi**, A. F. Agric. Exp. Sta., New Hampshire, Durham Bull., No. **100**, 1903, (45–52, with fig.); [review] Washington, D.C., U. S. Dept. Agric., Off. Exp. Sta. Rec., **15**, 1903, (59); *A. citri*. **Gossard**, H. A. Agric. Exp. Sta., Florida, Lake City, Bull., No. **67**, 1903, (595–666, with 6 pls., 3 figs.); [review] Washington, D.C., U. S. Dept. Agric., Off. Exp. Sta. Rec., **15**, 1903, (277–278).

Rosaphe n. nom. = *Astemma* auct. nec Lepel. Serv., *R. cornuta* n. nom. **Kirkaldy** and **Edwards**. Wr. Entomol. Ztg., Wien, **21**, 1902, (161).

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General.

Cockerell, T. D. A. Monograph of the *Coccidae* of the British Isles: by Robert Newstead. Vol. 2. [Book review] Science, New York, N.Y., (N. Ser.), **19**, 1904, (501–502).

Embleton, Alice L. On the anatomy and development of *Comys infelix* Embleton, a Hymenopterous parasite of *Lecanium hemisphaericum*. London, Trans. Linn. Soc., (Ser. 2), **9**, (231–254, pls. XI, XII).

——— *Coccidae*, with notes on collecting and preserving. Knowledge, London, (N. Ser.), **1**, 1904, (224, 250, 278).

Kirkaldy, G. W. A list of the *Coccidae* of the Hawaiian Islands. Entomologist, London, **1904**, (226–230).

Newstead, R. *Coccidae*. In Annandale, N. Contributions to the terrestrial zoology of the Faroes. Pt. I. Edinburgh, Proc. R. Physic. Soc., **1902–1904**, (153–160).

Sanders, J. G. The *Coccidae* of Ohio, 1. [Thesis, M.A., Ohio State University.] Contributions from the Department of Zoology and Entomology, No. **18**, *in* Columbus, Ohio, Acad. Sci., Sp. Paprs., No. **8**, (Proceedings of the Ohio State Academy of Science **4**, Pt. 2), 1904, ([25]–80, with pl.).

Special.

Antonina australis n. sp. N. S. Wales. **Green**, E. E. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (463, pl. XVI).

Aspidiotus nn. spp. **Green**, E. E. Vict. Nat., Melbourne, **21**, 1904, (65–69, with 2 pls.); *A* (*Pseudaonidia*) *cureuliginis* n. sp. Java. **Green**, E. E. Ent. Mag., London, **40**, 1904, (208); *A. perniciosus*. China. **Marlatt**, C. L. Pop. Sci. Mon., New York, N.Y., **65**, 1904, (306–317, with text fig.).

Chionaspis angusta n. sp. Victoria. **Green**, E. E. Vict. Nat., Melbourne, **21**, 1904, (65–69, with 2 pls.); *C. formosa* n. sp. N. S. Wales, Victoria. **Green**, E. E. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (462, pl. XVII); *C. gleditsiae* n. sp Ohio. **Sanders**, J. G. Ohio Nat., Columbus, Ohio, **3**, 1903, (413–414, with text fig.).

Coccus candatus, *C. poterii* Walk., notes. **Green**, E. E. Ann. Mag Nat. Hist., London, (Ser. 7), **14**, 1904, (373); *C.* (*Lecanium*) *hesperidum*. Samoa. **Kellogg**, V. L. Psyche, Cambridge, Mass., **10**, 1903, (187).

Cryptococcus fagi, injuries and remedies. **Newstead**, R. J. Board Agric., London, **11**, 1904, (755–760).

Ctenochiton serratus n. sp. Victoria. **Green**, E. E. Vict. Nat., Melbourne, **21**, 1904, (65–69, with 2 pls.).

Dactylopius vagabundus von Schilling. **Giard**, A. Paris, Bul. soc. ent., **1903**, (232–233); *D. vagabundus* n. sp. **Schilling**, H. von. Prakt. Ratgeber Obstbau, Frankfurt a. O., **16**, 1901, (23–26, 36–37, 48–50).

Ericera pela = (*Coccus sinensis* Walk.). **Green**, E. E. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (374).

Ericerus pe-la, Westwood, wax-producing coccid, life-history. **Sasaki**, C. Tokyo, Bull. Coll. Agric., **6**, 1904, (1–14, with pl.).

Eriococcus sordidus n. sp. Victoria. **Green**, E. E. Vict. Nat., Melbourne, **21**, 1904, (65–69, with 2 pls.).

Eulecanium nn. spp. France. **Cockerell**, T. D. A. Psyche, Cambridge, Mass., **10**, 1903, (19–22); *E. curtisi* n. nom. for *Coccus aceris* Curtis. **Kirkaldy**, G. W. Entomologist, London, **1904**, (257).

Hemichionaspis aspidistrae. Samoa. **Kellogg**, V. L. Psyche, Cambridge, Mass., **10**, 1903, (187).

Icerya palmeri en Chili, le femelle adulte. **Giard**, A. Paris, Bul. soc. ent., **1902**, (314–315).

Lecanium nn. spp. Ceylon. **Green**, E. E. *Coccidae* of Ceylon, Pt. 3. London, **1904**, (187–246); *L. capense* Walk., redescribed as *Aspidiotus* (*Aonidiella*) *capensis*. **Green**, E. E. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (375); *L. expansum* nn. varr. **Green**, E. E. Ent. Mag., London, **40**, 1904, (206); *L.* (*Paralecanium*) *expansum* var. *metallicum*. **Green**, E. E. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (377); *L. tenebricophilum* n. sp. Java. **Green**, E. E. Ent. Mag., London, **40**, 1904, (204).

Lepidosaphes cockerelliana n. nom. for *Mytilaspis albus* Cock. **Kirkaldy**, G. W. Entomologist, London, **1904**, (257); *L. corrugata* n. sp. **Green**, E. E. Ent. Mag., London, **40**, 1904, (209).

Monophlebus stebbingi, natural history. **Stebbing**, E. P. London, J. Linn. Soc., **29**, 1904, (142–161, pls. XVI–XVIII).

Pulvinaria maxima n. sp. Java. **Green**, E. E. Ent. Mag., London, **40**, 1904, (206).

INCERTAE SEDIS.

Thaumatoxena n. gen., *T. wasmanni* n. sp., der Vertreter einer neuen Unterordnung der Rhynchoten. **Breddin**, [G.] und **Börner**, [C.]. Berlin, SitzBer. Ges. natf. Freunde, **1904**, (84–93, mit 1 Taf.).

LIST OF NEW GENERA AND SPECIES.

ACANTHASPIS [Reduviidae].
——— *affinis*. Schouteden. 134.
——— *breddini*. Varela. 152.
——— *porrecta*. Distant. 33.
——— *rama*. Distant. 33.
——— *sericata*. Distant. 33.
——— *sira*. Distant. 33.
——— *zebraica*. Distant. 33.

Acanthidiellum n. nom. [Pentatomidae]. Kirkaldy. 73.

ACANTHOCEPHALA [Coreidae].
——— *declivis* var. *guianensis* n. var. Osborn. 101.

ACANTHOSOMA [Pentatomidae].
——— *korolkovi*. Jakovlev. 67.

ADELPHOCORIS [Capsidae].
——— *funebris*. Reuter. 117.

AESCHINES [Pyrrhocoridae].
——— *pyrrhocoroides*. Kirkaldy & Edwards. 76.

Afraniella n. gen. [Pentatomidae]. Schouteden. 131.
——— *lambaremi*. Schouteden. 131.

AGONOSCELIS [Pentatomidae].
——— *cognata*. Horváth. 59.
——— *versicolor* var. *tibialis* n. var. Horváth. 59.

Agraptocoris n. gen. [Capsidae]. Reuter. 111.
——— *concolor*. Reuter. 111.

Alamprella n. gen. [Pentatomidae]. Horváth. 59.
——— *singularis*. Horváth. 59.

Alchisme n. nom. [Jassidae]. Kirkaldy. 73.

ALCMENA [Reduviidae].
——— *maculosa*. Distant. 33.
——— *straminipes*. Distant. 33.

ALEYRODES [Aleurodidae].
——— *amnicola*. Bemis. 2.
——— *diascemus*. Bemis. 2.
——— *errans*. Bemis. 2.
——— *extraniens*. Bemis. 2.
——— *fernaldi*. Morrill. 94.
——— *glacialis*. Bemis. 2.
——— *hutchingsi*. Bemis. 2.
——— *interrogationis*. Bemis. 2.
——— *iridescens*. Bemis. 2.
——— *kelloggi*. Bemis. 2.
——— *madroni*. Bemis. 2.
——— *maskelli*. Bemis. 2.
——— *merlini*. Bemis. 2.
——— *mori: maculata* n. subsp. Morrill. 94.
——— *nigrans*. Bemis. 2.
——— *pruinosus*. Bemis. 2.
——— *quaintancei*. Bemis. 2.
——— *splendens*. Bemis. 2.
——— *stanfordi*. Bemis. 2.
——— *tentaculatus*. Bemis. 2.
——— *wellmanae*. Bemis. 2.

Alloeonycha n. gen. [Capsidae]. Reuter. 113.
——— *mayri*. Reuter. 113.

ALLOEORHYNCHUS [Reduviidae].
——— *bengalensis*. Distant. 33.
——— *irechtheus*. Kirkaldy. 74.
——— *putow*. Kirkaldy. 74.

Aloha n. gen. [Fulgoridae]. Kirkaldy. 71.
——— *ipomeae*. Kirkaldy. 71.

Althas n. nom. [Coreidae]. Kirkaldy. 73.

Amfortas n. nom. [Fulgoridae]. Kirkaldy. 73.

Amphiarius n. gen. [Anthocoridae]. Distant. 29.

ANAOA [Pentatomidae].
——— *punctiventris*. Breddin. 12.

ANAPUS [Capsidae].
——— *flavicornis* Reuter. 113.
——— *pectoralis*. Horváth. 61.

ANGAMIANA [Cicadidae].
——— *floridula*. Distant. 29.

Angerianus n. gen. [Capsidae]. Distant. 33.
——— *fractus*. Distant. 33.
——— *maurus*. Distant. 33.

Anniessa n. gen. [Capsidae]. Kirkaldy. 75.
——— *chlaunacha*. Kirkaldy. 75.

Anorygma n. subgen. [Lygaeidae]. Horváth. 58.

ANOTIA [Fulgoridae].
——— *invalida*. Fowler. 40.
——— *marginicornis*. Fowler. 40.
——— *pellucida*. Fowler. 40.
——— *ruficollis*. Fowler. 40.
——— *smithi*. Fowler. 40.
——— *tenella*. Fowler. 40.
——— *venustula*. Fowler. 40.

Antankaria n. gen. [Cicadidae]. Distant. 29.

ANTESTIA [Pentatomidae].
——— *gibba*. Breddin. 12.

Antillocoris n. nom. [Pyrrhocoridae]. Kirkaldy. 73.

ANTONINA [Coccidae].
——— *australis*. Green. 48.

APHALARA [Psyllidae].
——— *alaskensis*. Ashmead. 1.
——— *kincaidi*. Ashmead. 1.
——— *schwarzi*. Ashmead. 1.

APHANUS [Lygaeidae].
——— *atomarius*. Distant. 29.

APHIS [Aphidae].
——— *aubletia*. Sanborn. 122.
——— *ribis*. Sanborn. 122.

Araspus n. gen. [Capsidae]. Distant. 29.

ARCESIUS [Reduviidae].
——— *fusculus*. Distant. 33.

Arculanus n. gen. [Capsidae]. Distant. 29.
——— *marshalli*. Distant. 29.

Argenis n. gen. [Capsidae]. Distant. 29.
——— *alboviridescens*. Distant. 33.

ARGOLIS [Reduviidae].
——— *bergrothi*. Schouteden. 134.
——— *proxima*. Schouteden. 134.

Armachanus n. gen. [Capsidae]. Distant. 33.
——— *monoceros*. Distant. 33.
——— *spicatus*. Distant. 29.

Arnulphus n. gen. [Anthocoridae]. Distant. 29.
——— *aterrimus*. Distant. 29.

Arunta n. gen. [Cicadidae]. Distant. 29.

ASPIDEURUS [Pentatomidae].
——— *metallicus*. Breddin. 12.

ASPIDIOTUS [Coccidae].
——— *curculiginis*. Green. 50.
——— *immaculatus*. Green. 52.
——— *subfervens*. Green. 52.

Aspongopus [Pentatomidae]
——— *ephippiatus*. Bergroth. 134.

Astemma [Pyrrhocoridae].
——— *sappho*. Kirkaldy & Edwards. 76.

Atelias n. nom. [Pentatomidae]. Kirkaldy. 73.

Atelides [Pentatomidae].
——— *sumatranus*. Breddin. 12.

Atomophora [Capsidae].
——— *albovittata*. Reuter. 111.
——— *maculosa*. Reuter. 111.
——— *oculata*. Reuter. 111.
——— *suturalis*. Reuter. 111.

Audernacus n. gen. [Reduviidae]. Distant. 33.
——— *andamanensis*. Distant. 33.

Bartacus n. gen. [Reduviidae]. Distant. 33.

Basicryptus [Pentatomidae].
——— *nigromaculatus*. Schouteden. 131.

Bathycoelia [Pentatomidae].
——— *malachitica*. Horváth. 59.
——— *nesophila*. Horváth. 59.

Bayerus n. gen. [Reduviidae]. Distant. 33.
——— *cuneatus*. Distant. 33.

Bergias n. nom. [Fulgoridae]. Kirkaldy. 73.

Bergthora n. nom. [Pentatomidae]. Kirkaldy. 73.

Bertsa n. nom. [Capsidae]. Kirkaldy. 73.

Betaileonas n. nom. [Jassidae]. Kirkaldy. 75.

Bilia n. gen. [Capsidae]. Distant. 33.
——— *fracta*. Distant. 33.

Boethoos n. nom. [Jassidae]. Kirkaldy. 73.

Bothriocera [Fulgoridae].
——— *albidipennis*. Fowler. 40.
——— *excelsa*. Fowler. 40.
——— *nigra*. Fowler. 40.
——— *pellucida*. Fowler. 40.
——— *venosa*. Fowler. 40.

Bothriocerodes n. gen. [Fulgoridae]. Fowler. 40.
——— *castaneus*. Fowler. 40.
——— *metallicus*. Fowler. 40.
——— *variegatus*. Fowler. 40.

Bothriomiris [Capsidae].
——— *testaceus*. Distant. 33.

Botocudo n. nom. [Pyrrhocoridae]. Kirkaldy. 73.

Brachyaulax [Pentatomidae].
——— *oblonga* var. *splendens* n. var. Schouteden. 132.

Brachyphyma n. gen. [Lygaeidae]. Horváth. 58.
——— *argutum*. Horváth. 58.
——— *ochraceum*. Horváth. 58.
——— *papuense*. Horváth. 58.

Brachystethus [Pentatomidae].
——— *coxalis*. Breddin. 8.

Brassivola n. gen. [Reduviidae]. Distant. 33.
——— *hystrix*. Distant. 33.

Breddiniessa n. nom. [Capsidae]. Kirkaldy. 75.

Brontostoma n. nom. [Reduviidae]. Kirkaldy. 73.

Burma n. nom. [Pentatomidae]. Kirkaldy. 73.

Bythopsyrna [Fulgoridae].
——— *dohrni*. Schmidt. 130.
——— *sumatrana*. Schmidt. 130.
——— *udei*. Schmidt. 130.
——— *violacea*. Schmidt. 130.

Cacama n. gen. [Cicadidae]. Distant. 29.

Caenocoris [Pyrrhocoridae].
——— *dudgeoni*. Kirkaldy. 75.

Caliscelis [Fulgoridae].
——— *bolivari*. Horváth. 60.
——— *maroccana*. Horváth. 60.
——— *peculiaris*. Horváth. 60.

Callicratides n. gen. [Capsidae]. Distant. 33.

Callipterus [Aphidae].
——— *genevei*. Sanborn. 122.

Calliscidus n. gen. [Lygaeidae]. Horváth. 58.
——— *nigricollis*. Horváth. 58.

Calocoris [Capsidae].
——— *dohertyi*. Distant. 33.

Camptobrochis [Capsidae].
——— *brevis*. Uhler. 151.
——— *capensis*. Distant. 29.
——— *esau*. Distant. 29.
——— *lutulentus*. Distant. 33.
——— *oculatus*. Reuter. 112.
——— *orientalis*. Distant. 33.
——— *signatus*. Distant. 29.
——— *similis*. Distant. 33.
——— *uniformis*. Distant. 33.

CAMPYLOGNATHUS [Capsidae].
——— *fulvus*. Reuter. 113.

Campylotropis n. gen. [Capsidae]. Reuter. 117.
——— *jakovlevi*. Reuter. 117.

CANTHECONA [Pentatomidae].
——— *distanti*. Schouteden. 131.

Capellanus n. gen. [Capsidae]. Distant. 29.

CAPSUS [Capsidae].
——— *croesus*. Distant. 33.
——— *darius*. Distant. 33.
——— *pegasus*. Distant. 33.
——— *remus*. Distant. 33.

CARBULA [Pentatomidae].
——— *teretipes*. Horváth. 59.

CARLISIS [Coreidae].
——— *serrabilis*. Distant. 29.

CAURA [Pentatomidae].
——— *excelsa* var. *limbata* n. var. Horváth. 59.
——— *insignis*. Schouteden. 134.

Cedusa n. gen. [Fulgoridae]. Fowler. 40.
——— *funesta*. Fowler. 40.
——— *venosa*. Fowler. 40.

CENTRASPIS [Reduviidae].
——— *insignis*. Schouteden. 134.

CENTROCNEMIS [Reduviidae].
——— *dearmata*. Distant. 33.

CERATOCOMBUS [Ceratocombidae].
——— *latipennis*. Uhler. 151.
——— *niger*. Uhler. 151.

CERCOTMETUS [Nepidae].
——— *fumosus*. Distant. 32.

CERYNIA [Fulgoridae].
——— *nigropustulata*. Schmidt. 130.

CHAITOPHORUS [Aphidae].
——— *flabellus*. Sanborn. 122.
——— *stevensis*. Sanborn. 122.

Chamus n. gen. [Capsidae]. Distant. 29.
——— *wealei*. Distant. 29.

CHARAGOCHILUS [Capsidae].
——— *nigricornis*. Reuter. 112.

Charitocoris n. gen. [Capsidae]. Reuter. 116.
——— *pallidus*. Reuter. 116.

CHAULIOPS [Lygaeidae].
——— *rutherfordi*. Distant. 32.

CHELYSOMA [Pentatomidae].
——— *glirina*. Bergroth. 7.

CHILOCORIS [Pentatomidae].
——— *assmuthi*. Breddin. 10.
——— *solenopsidis*. Breddin. 10.

CHIONASPIS [Coccidae].
——— *augusta*. Green. 52.
——— *formosa*. Green. 48.
——— *gleditsiae*. Sanders. 124.

CHIPATULA [Pentatomidae].
——— *agilis*. Schouteden. 131.

Chlorosomella n. gen. [Capsidae]. Reuter. 112.
——— *geniculata*. Reuter. 112.

CICADA [Cicadidae].
——— *andrewsi*. Distant. 29.
——— *boliviana*. Distant. 29.
——— *graminea*. Distant. 29.
——— *hieroglyphica*. Goding and Froggatt. 46.
——— *nigrans*. Distant. 28.
——— *sylvanella*. Goding and Froggatt. 46.
——— *umbrosa*. Distant. 29.
——— *vesta*. Distant. 28.

CICADULA [Jassidae].
——— *clypeata*. Melichar. 88.
——— *ungae*. Ashmead. 1.

CIXIUS [Fulgoridae].
——— *apicatus*. Fowler. 40.
——— *comptus*. Fowler. 40.
——— *flavobrunneus*. Fowler. 40.
——— *montanus*. Fowler. 40.

CLADOBIUS [Aphidae].
——— *beaulahensis*. Cockerell. 24.

Clapmarius n. gen. [Capsidae]. Distant. 33.
——— *turgidus*. Distant. 33.

CLIVINEMA [Capsidae].
——— *rubida*. Uhler. 151.

COCALUS [Pentatomidae].
——— *assimilis*. Horváth. 59.

Colgorma n. nom. [Fulgoridae]. Kirkaldy. 73.

COLOBASIASTES [Lygaeidae].
——— *longicornis*. Horváth. 58.
——— *obscurus*. Horváth. 58.
——— *rufiventris*. Horváth. 58.
——— ——— var. *thoracicus* n. var. Horváth. 58.
——— *similis*. Horváth. 58.

COLOBATHRISTES [Lygaeidae].
——— *egregius*. Horváth. 58.
——— *facetus*. Horváth. 58.

Combalus n. gen. [Capsidae]. Distant. 33.
——— *novitius*. Distant. 33.

Copsyrna [Fulgoridae].
——— *alma*. Schmidt. 130.

Coquerelia [Pentatomidae].
——— *ventralis*. Horváth. 59.

Coranus [Reduviidae].
——— *mongolicus*. Jakovlev. 65.

Coriomeris [Coreidae].
——— *integerrimus*. Jakovlev. 67.
——— *validicornis*. Jakovlev. 67.

Corixa [Corixidae].
——— *acromelaena*. Horváth. 61.

Corythuca [Tingidae].
——— *arcuata* : *crataegi* n. subsp. Morrill. 95.

Cosmopsaltria [Cicadidae].
——— *khadiga*. Distant. 28.

Crescentius n. gen. [Ceratocombidae]. Distant. 33.
——— *principatus*. Distant. 33.

Cryptotympana [Cicadidae].
——— *holsti*. Distant. 29.
——— *varicolor*. Distant. 29.

Ctenochiton [Coccidae].
——— *serratus*. Green. 52.

Cyclumna n. gen. [Fulgoridae]. Fowler. 40.
——— *subrotundata*. Fowler. 40.

Cyphodema [Capsidae].
——— *junodi*. Distant. 29.

Cystopsaltria n. gen. [Cicadidae]. Goding and Froggatt. 46.
——— *immaculata*. Goding and Froggatt. 46.

Dactylopius [Coccidae].
——— *vagabundus*. Schilling. 129.

Dagbertus n. gen. [Capsidae]. Distant. 29.

Dalcantha [Pentatomidae].
——— *alata*. Breddin. 12.
——— *angularis*. Breddin. 12.

Dalpada [Pentatomidae].
——— *perelegans*. Breddin. 12.

Dalsira [Pentatomidae].
——— *brunni*. Schouteden. 131.

Damellera n. nom. [Pentatomidae]. Kirkaldy. 73.

Dandinus n. gen. [Pentatomidae]. Distant. 29.
——— *crassus*. Distant. 29.

Delphax [Fulgoridae].
——— *conspicua*. Horváth. 61

Deltocephalus [Jassidae].
——— *ageratus*. Melichar. 88.
——— *coronatus*. Melichar. 88.
——— *evansi*. Ashmead. 1.
——— *harrimani*. Ashmead. 1.
——— *hospes*. Kirkaldy. 71.
——— *stummeri*. Horváth. 61.

Dendrophora [Fulgoridae].
——— *breviceps*. Melichar. 88.

Deracocoris [Capsidae].
——— *ornandus*. Distant. 33.
——— *rufus*. Distant. 33.
——— *variabilis*. Distant. 33.

Dersagrena n. nom. [Coreidae]. Kirkaldy. 73.

Diascopoea n. gen. [Lygaeidae]. Horváth. 58.
——— *debilis*. Horváth. 58.
——— *discessa*. Horváth. 58.

Dichroosoytus [Capsidae].
——— *consobrinus*. Horváth. 61.
——— *elegans*. Uhler. 151.

Dictyophora [Fulgoridae].
——— *ogadensis*. Melichar. 88.
——— *ufudensis*. Melichar. 88.

Dieuches [Lygaeidae].
——— *consanguineus*. Distant. 29.
——— *scutellatus*. Distant. 29.

Dindymus [Pyrrhocoridae].
——— *azalais*. Kirkaldy and Edwards. 76.
——— *thioneus*. Kirkaldy and Edwards. 76.

Dioclophara n. nom. [Jassidae]. Kirkaldy. 73.

Diognetus n. gen. [Capsidae]. Distant. 33.
——— *intonsus*. Distant. 33.

Disphinctus [Capsidae].
——— *elegans*. Distant. 33.

Dithmarus n. gen. [Reduviidae]. Distant. 29.
——— *atromaculatus*. Distant. 29.

Dodonaeus n. gen. [Reduviidae]. Distant. 33.
——— *humeralis*. Distant. 33.

Dolichisme n. nom. [Pentatomidae]. Kirkaldy. 73.

Dolycoris [Pentatomidae].
——— *penicillatus*. Horváth. 61.

Dryaphis n. nom. [Aphidae]. Kirkaldy. 73.

Dryopeia n. nom. [Aphidae]. Kirkaldy. 73.

DURGANDA [Reduviidae].
——— *fulvescens*. Distant. 33.

DYSTUS [Pentatomidae].
——— *villosus*. Breddin. 8.

ECTATOPS [Pyrrhocoridae].
——— *gelanor*. Kirkaldy and Edwards. 76.
——— *saturnides*. Kirkaldy and Edwards. 76.

ECTOMOCORIS [Reduviidae].
——— *tibialis*. Distant. 33.
——— *vishnu*. Distant. 33.

EDESSA [Pentatomidae].
——— *boerneri*. Breddin. 13.
——— *boopis*. Breddin. 13.
——— *brachyacantha*. Breddin. 13.
——— *capito*. Breddin. 13.
——— *cogitabunda*. Breddin. 13.
——— *haedulus*. Breddin. 8.
——— *handlirschi*. Breddin. 13.
——— *heymonsi*. Breddin. 13.
——— *hirculus*. Breddin. 8.
——— *leprosula*. Breddin. 13.
——— *leptacantha*. Breddin. 13.
——— *pachyacantha*. Breddin. 13.
——— *perscita*. Breddin. 13.
——— *schirmeri*. Breddin. 13.
——— *verhoeffi*. Breddin. 13.
——— *vernicosa*. Breddin. 8.

EDOCLA [Reduviidae].
——— *pelia*. Distant. 33.

Elachisme n. nom. [Coreidae]. Kirkaldy. 73.

Elaphocranus n. gen. [Reduviidae]. Bergroth. 5.
——— *tarandus*. Bergroth. 5.

EMBLETHIS [Lygaeidae].
——— *brevicornis*. Horváth. 61.
——— *luridus*. Jakovlev. 65.

ENDOCHUS [Reduviidae].
——— *atricapillus*. Distant. 33.
——— *cinnamopterus*. Distant. 29.
——— *straminipes*. Distant. 29.
——— *umbrinus*. Distant. 33.

Eparmene n. gen. [Fulgoridae]. Fowler. 40.
——— *pulchella*. Fowler. 40.

EPIDAUS [Reduviidae].
——— *atrispinus*. Distant. 33.

ERIOCOCCUS [Coccidae].
——— *sordidus*. Green. 52.

Eriximachus n. gen. [Reduviidae]. Distant. 33.
——— *globus*. Distant. 33.

ERTHESIA [Pentatomidae].
——— *distanti*. Schouteden. 134.

Estuidus n. gen. [Capsidae]. Distant. 29.
——— *foreatus*. Distant. 29.
——— *marginatus*. Distant. 29.

Eteoneus n. nom. [Jassidae]. Kirkaldy. 73.

Euaenaria n. gen. [Pentatomidae]. Breddin. 12.
——— *jucunda*. Breddin. 12.

EUCEROCORIS [Capsidae].
——— *suspectus*. Distant. 29.

EULECANIUM [Coccidae].
——— *alni* var. *rufulum* n. var. Cockerell. 21.
——— *curtisi* n. nom. Kirkaldy. 73.
——— *genevense* var. *marchali* n. var. Cockerell. 21.
——— *magnoliarum* var. *hortensiae* n. var. Cockerell. 21.

EUMECOPUS [Pentatomidae].
——— *abdominalis*. Distant. 29.
——— *pallescens*. Distant. 29.

Eupododus n. nom. [Pentatomidae]. Kirkaldy. 73.

EURINOME [Pentatomidae].
——— *armata*. Breddin. 12.

EUROSTUS [Pentatomidae].
——— *heros*. Breddin. 12.

EURYOPHTHALMUS [Pyrrhocoridae].
——— *lexias*. Kirkaldy and Edwards. 76.
——— *meganira*. Kirkaldy and Edwards. 76.
——— *saturnides*. Kirkaldy and Edwards. 76.

EUSARCORIS [Pentatomidae].
——— *gibbosus*. Jakovlev. 65.
——— *v-flavum*. Horváth. 59.

EUSTHENES [Pentatomidae].
——— *diomedes*. Breddin. 12.

EUTETTIX [Jassidae].
——— *perkinsi*. Kirkaldy. 71.
——— *quadripunctatus*. Melichar. 88.

Euvonymus n. gen. [Reduviidae]. Distant. 33.
——— *spiniceps*. Distant. 33.

EXITHEMUS [Pentatomidae].
——— *mansonicus*. Breddin. 12.

Felisacus n. nom. [Capsidae]. Distant. 33.
——— *magnificus*. Distant. 33.

Fingulus n. gen. [Capsidae]. Distant. 29.
——— *atrocoeruleus*. Distant. 29.

Florichisme n. nom. [Fulgoridae]. Kirkaldy. 73.

Fokkeria n. gen. [Pentatomidae]. Schouteden. 132.
——— *crassa*. Schouteden. 132.

FORDA [Aphidae].
——— *interjecti*. Cockerell. 25.
——— *kingii*. Cockerell. 25.

Fulgentius n. gen. [Capsidae]. Distant. 29.
——— *mandarinus*. Distant. 29.

GALEACIUS [Pentatomidae].
——— *martini*. Schouteden. 132.

Gallobelicus n. gen. [Capsidae]. Distant. 33.
——— *crassicornis*. Distant. 33.

Gastroxys n. gen. [Pentatomidae]. Horváth. 59.
——— *funerea*. Horváth. 59.

Gelastogonia n. nom. [Jassidae]. Kirkaldy. 73.

Gelastophantis n. nom. [Fulgoridae]. Kirkaldy. 73.

Gelastophara n. nom. [Jassidae]. Kirkaldy. 73.

Gelastyra n. nom. [Fulgoridae]. Kirkaldy. 73.

Gelchossa n. nom. [Tingidae]. Kirkaldy. 73.

GEOCORIS [Lygaeidae].
——— *chinensis*. Jakovlev. 66.
——— *elongatulus*. Distant. 29.

GEOMORPHA [Pentatomidae].
——— *junodi*. Distant. 29.

GERMALUS [Lygaeidae].
——— *lineolusus*. Distant. 29.

GERRIS [Hydrometridae].
——— *thoracicus* var. *rapidus* n. var. Horváth. 61.

Gismunda n. gen. [Capsidae]. Distant. 33.
——— *chelonia*. Distant. 33.

Glaucopsaltria n. gen. [Cicadidae]. Goding and Froggatt. 46.
——— *viridis*. Goding and Froggatt. 46.

GLOBICEPS [Capsidae].
——— *parvulus*. Reuter. 118.

GLOSSOPELTA [Phymatidae].
——— *dudgeoni*. Distant. 32.

GLYPSUS [Pentatomidae].
——— *bouvieri*. Schouteden. 131.
——— *carinulatus*. Bergroth. 6.
——— *kuhlgatzi*. Schoulteden. 131.

GNATHOCOMUS [Pentatomidae].
——— *elongatus*. Distant. 29.

GNATHODUS [Jassidae].
——— *bipunctatus*. Melichar. 88.
——— *punctatus* var. *lineolatus* n. var. Horváth. 61.

Godefridus n. gen. [Reduviidae]. Distant. 33.
——— *alienus*. Distant. 33.

GONOPSIS [Pentatomidae].
——— *tonkinensis*. Breddin. 12.

Grimgerda n. nom. [Pentatomidae]. Kirkaldy. 73.

Gueriniellus n. nom. [Pentatomidae]. Kirkaldy. 73.

Guisardus n. gen. [Capsidae]. Distant. 33.
——— *pellucidus*. Distant. 33.

Haeckelia n. nom. [Coreidae]. Kirkaldy. 73.

HALTICUS [Capsidae].
——— *chrysolepis*. Kirkaldy. 71.
——— *intermedius*. Uhler. 151.

Hamadryaphis n. nom. [Aphidae]. Kirkaldy. 73.

Hamza n. gen. [Cicadidae]. Distant. 28.

Haplaxius n. gen. [Fulgoridae]. Fowler. 40.
——— *frontalis*. Fowler. 40.
——— *laevis*. Fowler. 40.

HARPACTOR [Reduviidae].
——— *femoralis*. Distant. 29.
——— *geniculatus*. Jakovlev. 65.
——— *squalus*. Distant. 33.

Harpedona n. gen. [Capsidae]. Distant. 33.
——— *marginata*. Distant. 33.

Hathor n. gen. [Capsidae]. Kirkaldy and Edwards. 76.
——— *zoraida*. Kirkaldy and Edwards. 76.

HAVINTHUS [Reduviidae].
——— *trochanterus*. Distant. 29.

HECALUS [Jassidae].
——— *dubius*. Melichar. 88.

HELICOPTERA [Fulgoridae].
——— *chiriquensis*. Fowler. 40.
——— *longiceps*. Fowler. 40.
——— *sobrina*. Fowler. 40.
——— ——— var. *albida* n. var. Fowler. 40.
——— *variegata* n. var. Fowler. 40.

HELOPELTIS [Capsidae].
——— *oryx*. Distant. 33.

Hemiapterus n. gen. [Cercopidae]. Jacobi. 63.
——— *decurtatus*. Jacobi. 63.

HENICOCEPHALUS [Heniocephalidae].
——— *braunsii*. Bergroth. 3.
——— *pugnatorius*. Distant. 32.

HENICOPSALTRIA [Cicadidae].
——— *pygmaea*. Distant. 29.

HENRICOHAHNIA [Reduviidae].
——— *gallus*. Distant. 33.

Heremon n. nom. [Fulgoridae]. Kirkaldy. 75.

HERMILLUS [Reduviidae].
——— *rufipes*. Schouteden. 134.

Hermotinus n. gen. [Capsidae]. Distant. 33.
——— *signatus*. Distant. 33.

Hesperophantia n. nom. [Fulgoridae]. Kirkaldy. 73.

Hesperophara n. nom. [Jassidae]. Kirkaldy. 73.

HORCIAS [Capsidae].
——— *albiventris*. Distant. 29.
——— *lacteiclavus*. Distant. 29.
——— *signatus*. Distant. 29.

Hyadalphis n. nom. [Aphidae]. Kirkaldy. 73.

HYALOPEPLUS [Capsidae].
——— *spinosus*. Distant. 33.

Hypereides n. nom. [Capsidae]. Kirkaldy. 75.

Hyphancyclus n. gen. [Fulgoridae]. Fowler. 40.
——— *excelsus*. Fowler. 40.
——— *falcatus*. Fowler. 40.

HYPSELONOTUS [Coreidae].
——— *fuscus*. Osborn. 111.

HYSTEROPTERUM [Fulgoridae].
——— *angulare*. Fowler. 40.
——— *montanum*. Fowler. 40.
——— *sierrae*. Fowler. 40.

IDIOCERUS [Jassidae].
——— *almásyi*. Horváth. 61.

Igerna n. nom. [Jassidae]. Kirkaldy. 71.

Ioba n. gen. [Cicadidae]. Distant. 29.

Indra n. gen. [Pyrrhocoridae]. Kirkaldy and Edwards. 76.
——— *philarete*. Kirkaldy and Edwards. 76.

Iphiarusa n. gen. [Pentatomidae]. Breddin. 12.
——— *aratrix*. Breddin. 12.

IRANTHA [Reduviidae].
——— *consobrina*. Distant. 33.

IROCHROTUS [Pentatomidae].
——— *indicus*. Schouteden. 132

Isachisme n. nom. [Reduviidae]. Kirkaldy. 73.

ISOMETOPUS [Capsidae].
——— *feanus*. Distant. 33.

Jafar n. nom. [Jassidae]. Kirkaldy. 75.

Kalania n. nom. [Capsidae]. Kirkaldy. 73.

KANAKIA [Cicadidae].
——— *congrua*. Goding and Froggatt. 46.

Kareol n. nom. [Fulgoridae]. Kirkaldy. 73.

Kennetus n. gen. [Coreidae]. Distant. 30.
——— *alces*. Distant. 30.

Koma n. gen. [Cicadidae]. Distant. 29.

Kongota n. gen. [Cicadidae]. Distant. 29.

Kronides n. nom. [Jassidae]. Kirkaldy. 73.

Laccophorella n. gen. [Pentatomidae]. Horváth. 59.
——— *bornemissae*. Horváth. 59.

LACCOTREPHES [Nepidae].
——— *calcar*. Distant. 29.
——— *nyasae*. Distant. 29.

LAEMOCORIS [Capsidae].
——— *zarudnyi*. Reuter. 116.

Laodamia n. nom. [Capsidae]. Kirkaldy 75.

Lecanium [Coccidae].
——— *arundinariae*. Green. 51.
——— *bicruciatum*. Green. 51.
——— *calophylli*. Green. 51.
——— *capparidis*. Green. 51.
——— *discrepans*. Green. 51.
——— *expansum* var. *metallicum* n. var. Green. 50.
——— ——— var. *javanicum* n. var. Green. 50.
——— ——— var. *rotundum*. n. var. Green. 50.
——— *frontale*. Green. 51.
——— *maritimum*. Green. 51.
——— *marsupiale*. Green. 51.
——— *paradeniyense*. Green. 51.
——— *psidii*. Green. 51.
——— *punctuliferum*. Green. 51.
——— *signiferum*. Green. 51.
——— *subtesselatum*. Green. 51.
——— *tenebricophilum*. Green. 50.
——— *zonatum*. Green. 51.

Leotichius n. gen. [Saldidae]. Distant. 33.
——— *glaucopsis*. Distant. 33.

Lepidosaphes [Coccidae].
——— *cockerelliana* n. nom. Kirkaldy. 73.
——— *corrugata*. Green. 50.

Leptolobus [Pentatomidae].
——— *eburneatus* var. *thoracicus* n. var. Schouteden. 134.

Libavius n. gen. [Reduviidae]. Distant. 29.
——— *greeni*. Distant. 33.

Linous [Pentatomidae].
——— *dentiger*. Breddin. 8.
——— *securiger*. Breddin. 8.

Linshcosteus n. gen. [Reduviidae]. Distant. 33.
——— *carnifex*. Distant. 33.

Liocoris [Capsidae].
——— *formosus*. Distant. 33.
——— *mjittae*. Distant. 33.

Liodermion n. nom. [Pentatomidae]. Kirkaldy. 73.

Lippomanus n. gen. [Anthocoridae]. Distant. 29.
——— *hirsutus*. Distant. 29.

Lisarda [Reduviidae].
——— *varelae*. Bergroth. 5.

Lissocapsus n. gen. [Capsidae]. Bergroth. 3.
——— *wasmanni*. Bergroth. 3.

Lobopelta n. gen. [Pentatomidae]. Schouteden. 131.
——— *funebris*. Schouteden. 131.

Lobothyreus [Pentatomidae].
——— *brasiliensis*. Schouteden. 132.

Locris [Cercopidae].
——— *amauroptera*. Jacobi. 63.
——— *neumanni*. Jacobi. 63.
——— *vestigans*. Jacobi. 63.

Lorichius n. gen. [Reduviidae]. Distant. 33.
——— *umbonatus*. Distant. 33.

Lucitanus n. gen. [Capsidae]. Distant. 33.

Lygambes [Coreidae].
——— *sargi*. Breddin. 9.

Lygaeus [Lygaeidae].
——— *sulcatus*. Osborn. 111.

Lygus [Capsidae].
——— *aethiops* n. nom. Distant 29.
——— *albescens*. Distant. 33.
——— *australis* n. nom. Distant. 29.
——— *catullus*. Distant. 33.
——— *decoloratus* Distant. 33.
——— *flavoscutellatus*. Distant. 29.
——— *immitis*. Distant. 33.
——— *pubens*. Distant. 33.
——— *schonlandi*. Distant. 29.
——— *sordidus*. Distant. 33.

Mabelia n. gen. [Capsidae]. Kirkaldy. 75.
——— *pulcherrima*. Kirkaldy. 75.

Macgregorius n. gen. [Capsidae]. Kirkaldy. 75.
——— *regalis*. Kirkaldy. 75.

Macrocoris [Nepidae].
——— *transvaalensis*. Distant. 31.

Macropsis [Jassidae].
——— *serena*. Melichar. 88.

Macroscytus [Pentatomidae].
——— *inermipes*. Horváth. 59.

Macrosiphum [Aphidae].
——— *squarrosa*. Sanborn. 122.
——— *trifolii*. Pergande. 103.

Macrotristria [Cicadidae].
——— *nigrovenosa*. Distant. 29.
——— *nigrosignata*. Distant. 28.

Maecenas n. nom. [Tingidae]. Kirkaldy. 73.

Malalasta n. gen. [Capsidae]. Distant. 33.
——— *superba*. Distant. 33.

MALGASSUS [Pentatomidae].
——— *exiguus*. Horváth. 59.

MALTHACOSOMA [Capsidae].
——— *adspersum*. Reuter. 113.

Marachisme n. nom. [Coreidae]. Kirkaldy. 73.

Marbodus n. gen. [Reduviidae]. Distant. 33.
——— *exemplificatus*. Distant. 33.

Matenesius n. gen. [Capsidae]. Distant. 33.
——— *marginatus*. Distant. 33.

MAURODACTYLUS [Capsidae].
——— *albidus* var. *pallidicornis* n. var. Horváth. 61.

MEGACOELUM [Capsidae].
——— *hampsoni*. Distant. 33.
——— *modestum*. Distant. 29.
——— *picturatum*. Distant. 33.
——— *relatum*. Distant. 33.
——— *rubricatum*. Distant. 33.
——— *suffusum*. Distant. 29.
——— *transvaalensis*. Distant. 29.

MEGADOEUM [Pentatomidae].
——— *obliquum*. Bergroth. 4.

MEGALOCERAEA [Capsidae].
——— *anthennata*. Distant. 33.
——— *doddi*. Distant. 29.
——— *dohertyi*. Distant. 33.
——— *elongata*. Distant. 33.
——— *graminea*. Distant. 33.

MEGALOCOLEUS [Capsidae].
——— *albidus*. Reuter. 111.

MEGAMELUS [Fulgoridae].
——— *leahi*. Kirkaldy. 71.

MELAMPODIUS [Pentatomidae].
——— *westwoodi*. Schouteden. 134.

MELAMPSALTA [Cicadidae].
——— *atrata*. Goding and Froggatt. 46.
——— *binotata*. Goding and Froggatt. 46.
——— *castanea*. Goding and Froggatt. 46.
——— *flava*. Goding and Froggatt. 46.
——— *fletcheri*. Goding and Froggatt. 46.
——— *fulva*. Goding and Froggatt. 46.
——— *graminis*. Goding and Froggatt. 46.

MELAMPSALTA [Cicadidae].
——— *infuscata*. Goding and Froggatt. 46.
——— *kershawi*. Goding and Froggatt. 46.
——— *nebulosa*. Goding and Froggatt. 46.
——— *rubea*. Goding and Froggatt. 46.
——— *rubristrigata*. Goding and Froggatt. 46.
——— *spinosa*. Goding and Froggatt. 46.
——— *spreta*. Goding and Froggatt. 46.
——— *tristrigata*. Goding and Froggatt. 46.

MELANODERMUS [Pentatomidae].
——— *dilutipes*. Breddin. 8.

Menuthias n. nom. [Pentatomidae]. Kirkaldy. 73.

Mercennus n. nom. [Coreidae]. Distant. 30.

Mertila n. gen. [Capsidae]. Distant. 29.
——— *malayensis*. Distant. 29.
——— *ternatensis*. Distant. 29.

Mestor n. nom. [Reduviidae]. Kirkaldy. 73.

Metabrixia n. gen. [Fulgoridae]. Fowler. 40.
——— *aspersa*. Fowler. 40.
——— *delicata*. Fowler. 40.
——— *germana*. Fowler. 40.
——— *maculata*. Fowler. 40.
——— *tacta*. Fowler. 40.

Metriorrhynchomiris n. nom. [Capsidae]. Kirkaldy. 73.

METROCORIS [Hydrometridae].
——— *distanti*. Kirkaldy. 70.

Mevius n. gen. [Capsidae]. Distant. 33.
——— *lewisi*. Distant. 33.

Micrixia n. gen. [Fulgoridae]. Fowler. 40.
——— *costalis*. Fowler. 40.

Microlerida n. gen. [Fulgoridae]. Fowler. 40.
——— *asperata*. Fowler. 40.

Micromasoria n. nom. [Fulgoridae]. Kirkaldy. 73.

MICRONECTA [Corixidae].
——— *carbonaria*. Horváth. 62.
——— *haliploides*. Horváth. 62.

MICROTOMA [Lygaeidae].
——— *praeusta*. Jakovlev. 65.

Mictis [Coreidae].
——— *loricata*. Distant. 29.

Miopygium n. gen. [Pentatomidae]. Breddin. 8.
——— *cyclopeltoides*. Breddin. 8.

Miris [Capsidae].
——— *atkinsoni*. Distant. 33.
——— *ruficeps*. Distant. 29.

Mirperus [Coreidae].
——— *nigrofasciatus*. Distant. 29.
——— *robustus*. Distant. 29.

Mononyx [Galgulidae].
——— *luteovarius*. Distant. 29.

Montandoneus n. nom. [Pentatomidae]. Kirkaldy. 73.

Morbora [Pentatomidae].
——— *hirtula*. Bergroth. 7.
——— *schoutedeni*. Bergroth. 7.

Moyara [Pentatomidae].
——— *martini*. Schouteden. 131.

Muansa n. gen. [Cicadidae]. Distant. 29.

Munza n. gen. [Cicadidae]. Distant. 29.

Mycterocoris n. gen. [Capsidae]. Uhler. 151.

Myrmecophyes [Capsidae].
——— *aeneus*. Reuter. 111.
——— *korschinskii*. Reuter. 111.

Myrmus [Coreidae].
——— *formosus*. Jakovlev. 65.

Myrochea [Pentatomidae].
——— *distincta*. Schouteden. 134.

Mysolis n. nom. [Jassidae]. Kirkaldy. 73.

Mystilus n. gen. [Capsidae]. Distant. 33.
——— *priamus*. Distant. 33.

Myzus [Aphidae].
——— *biennis*. Sanborn. 122.
——— *michaelseni*. Schouteden. 135.

Nabis [Reduviidae].
——— *cinerascens*. Horváth. 61.
——— *eva*. Kirkaldy. 74.
——— *funebris*. Distant. 33.
——— *nigrescens*. Distant. 33.
——— *tibialis*. Distant. 33.

Nanichisme n. nom. [Coreidae]. Kirkaldy. 73.

Nanniella n. gen. [Capsidae]. Reuter. 112.
——— *chalybea*. Reuter. 112.

Narcegaster n. gen. [Lygaeidae]. Horváth. 58.

Nealeria [Pentatomidae].
——— *diminuta*. Horváth. 59.

Nectarophora [Aphidae].
——— *caudata*. Pergande. 104.
——— *epilobii*. Pergande. 104.
——— *insularis*. Pergande. 104.

Neoblissus n. gen. [Lygaeidae]. Bergroth. 3.
——— *parasitaster*. Bergroth. 3.

Neofurius [Capsidae].
——— *thetis*. Kirkaldy. 75.

Nephesa [Fulgoridae].
——— *aurantiaca*. Schmidt. 130.
——— *carinulata*. Schmidt. 130.

Nezara [Pentatomidae].
——— *adelpha*. Horváth. 59.
——— *bergrothi*. Horváth. 59.
——— *limbosa*. Horváth. 59.
——— *liturata*. Horváth. 59.
——— *macrorhaphis*. Horváth. 59.
——— *rufidorsum*. Horváth. 59.
——— *valida*. Horváth. 59.

Nichomachus n. gen. [Capsidae]. Distant. 29.
——— *sloggetti*. Distant. 29.

Nicrostatus n. gen. [Capsidae]. Distant. 33.
——— *balteatus*. Distant. 33.

Nyctidea n. gen. [Capsidae]. Reuter. 111.
——— *moesta*. Reuter. 111.

Nymannus n. gen. [Capsidae]. Distant. 29.
——— *typicus*. Distant. 29.

Nysius [Lygaeidae].
——— *pilosulus*. Horváth. 61.
——— *rubromaculatus*. Distant. 29.

Ochisme n. nom. [Pentatomidae]. Kirkaldy. 73.

Ochrorrhaca n. gen. [Pentatomidae]. Breddin. 12.
——— *truncaticornis*. Breddin. 12.

Odontogonus n. nom. [Reduviidae]. Bergroth. 5.

Odontopus [Pyrrhocoridae].
——— *zoraida*. Kirkaldy and Edwards. 76.

Orcleus [Fulgoridae].
——— *addendus*. Fowler. 40.
——— *brunneus*. Fowler. 40.
——— *concinnus*. Fowler. 40.
——— *minimus*. Fowler. 40.
——— *pelluceus*. Fowler. 40.
——— *teapae*. Fowler. 40.
——— *tenellus*. Fowler. 40.

Oliarus [Fulgoridae].
——— *breviceps*. Fowler. 40.
——— *chiriquensis*. Fowler. 40.
——— *concinnulus*. Fowler. 40.
——— *excelsus*. Fowler. 40.
——— *frontalis*. Melichar. 88.
——— *hirtus*. Melichar. 88.
——— *humeralis*. Fowler. 40.
——— *insignior*. Fowler. 40.
——— *lacteipennis*. Fowler. 40.
——— *nigro-alutaceus*. Fowler. 40.
——— *propior*. Fowler. 40.

Oncinoproctus n. gen. [Pentatomidae]. Breddin. 12.
——— *griseolus*. Breddin. 12.

Oncotylus [Capsidae].
——— *cunealis*. Reuter. 116.
——— *fuscicornis*. Reuter. 113.

Onomaus n. gen. [Capsidae]. Distant. 33.
——— *pompeus*. Distant. 33.

Oplomus [Pentatomidae].
——— *cruentus* var. *inermis* n. var. Schouteden. 131.
——— *serenus*. Breddin. 8.

Oria n. gen. [Cicadidae]. Distant. 29.

Ornithissus n. gen. [Fulgoridae] Fowler. 40.
——— *cockerelli*. Fowler. 40.

Orthotylus [Capsidae].
——— *antennalis*. Reuter. 113.
——— *pallidulus*. Reuter. 113.

Ostoradias n. gen. [Anthocoridae]. Distant. 29.
——— *contubernalis*. Distant. 29.

Ouranion n. nom. [Coreidae]. Kirkaldy. 73.

Oxycarenus [Lygaeidae].
——— *scabrosus*. Uhler. 151.

Pachyntheisa n. gen. [Fulgoridae]. Fowler. 40.
——— *concinna*. Fowler. 40.
——— *excelsior*. Fowler. 40.

Palicus [Jassidae].
——— *africanus*. Melichar. 88.
——— *conjunctus*. Melichar. 88.

Palomena [Pentatomidae].
——— *limbata*. Jakovlev. 64.

Pamera [Lygaeidae].
——— *apicalis*. Distant. 29.
——— *picturata*. Distant. 29.
——— *tuberculata*. Osborn. 111.

Panaphis n. nom. [Aphidae]. Kirkaldy. 73.

Paraboloocratus [Jassidae].
——— *taenionotus*. Jacobi. 63.

Paracalocoris [Capsidae].
——— *barretti*. Distant. 29.
——— *burmanicus*. Distant. 33.
——— *capensis*. Distant. 29.
——— *erebus*. Distant. 33.
——— *lanarius*. Distant. 33.

Paracarnus [Capsidae].
——— *grenadensis*. Distant. 29.

Parapioxys [Fulgoridae].
——— *hilaris*. Melichar. 88.
——— *viridifasciatus*. Melichar. 88.

Parochlerus n. gen. [Pentatomidae]. Breddin. 8.
——— *latus*. Breddin. 8.

Patara [Fulgoridae].
——— *marmorata*. Fowler. 40.

Pauropsalta n. gen. [Cicadidae]. Goding and Froggatt. 46.
——— *annulata*. Goding and Froggatt. 46.
——— *basalis*. Goding and Froggatt. 46.
——— *borealis*. Goding and Froggatt. 46.
——— *castanea*. Goding and Froggatt. 46.
——— *dubia*. Goding and Froggatt. 46.
——— *emma*. Goding and Froggatt. 46.
——— *extensa*. Goding and Froggatt. 46.
——— *leurensis*. Goding and Froggatt. 46.
——— *minima*. Goding and Froggatt. 46.
——— *nigristriga*. Goding and Froggatt. 46.
——— *nodicosta*. Goding and Froggatt. 46.
——— *prolongata*. Goding and Froggatt. 46.
——— *rubra*. Goding and Froggatt. 46.

Pediopsis [Jassidae].
——— *pictipes*. Horváth. 61.

Peggichisme n. nom. [Pyrrhocoridae]. Kirkaldy. 73.

Pemphigus [Aphidae].
——— *burrowi*. Sanborn. 122.

Peregrinator n. nom. [Reduviidae]. Kirkaldy. 73.

Peregrinus n. gen. [Fulgoridae]. Kirkaldy. 71.

Peruda [Lygaeidae].
——— *longiventris*. Horváth. 58.

Phaenacantha n. gen. [Lygaeidae]. Horváth. 58.
——— *ambigua*. Horváth. 58.
——— *antennalis*. Horváth. 58.
——— *biroi*. Horváth. 58.
——— *confusa*. Horváth. 58.
——— *consobrina*. Horváth. 58.
——— *conviva*. Horváth. 58.
——— *discrepans*. Horváth. 58.
——— *femoralis*. Horváth. 58.
——— *gestroi*. Horváth. 58.
——— *méhelyi*. Horváth. 58.
——— *pacifica*. Horváth. 58.
——— *pilosella*. Horváth. 58.
——— *sedula*. Horváth. 58.
——— ——— var. *melanoscelis* n. var. Horváth. 58.
——— *solers*. Horváth. 58.
——— *strenua*. Horváth. 58.
——— *suturalis*. Horváth. 58.
——— *unicolor*. Horváth. 58.
——— *viridipennis*. Horváth. 58.

Pharyllus n. gen. [Capsidae]. Distant. 33.

Phlia [Pentatomidae].
——— *insignis*. Schouteden. 132.

Phlepsius [Jassidae].
——— *chloroticus*. Melichar. 88.
——— *fasciolatus*. Melichar. 88.
——— *rhomboideus*. Melichar. 88.

Phonergates [Reduviidae].
——— *distinguendus*. Schouteden. 134.
——— *nigriventris*. Schouteden. 134.
——— *nuptura*. Varela. 152.

Phonoctonus [Reduviidae].
——— *elegans*. Varela. 152.

Phonolibes [Reduviidae].
——— *bimaculatus*. Distant. 29.

Phorticus [Reduviidae].
——— *elinor*. Kirkaldy. 74.

Phthirocoris n. gen. [Heniocephalidae]. Enderlein. 38.
——— *antarcticus*. Enderlein. 38.

Phyllochisme n. nom. [Tingidae]. Kirkaldy. 73.

Phyma [Fulgoridae].
——— *griseopunctata*. Schmidt. 130.
——— *hyalina*. Schmidt. 130.
——— *pura*. Schmidt. 130.
——— *unipunctata*. Schmidt. 130.
——— *waterstradti*. Schmidt. 130.

Physopelta [Pyrrhocoridae].
——— *indra*. Kirkaldy and Edwards. 76.
——— *melanoptera*. Distant. 29.

Physorhynchus [Reduviidae].
——— *pedestris*. Distant. 33.

Phytocoris [Capsidae].
——— *crinitus*. Distant. 33.
——— *lineaticollis*. Reuter. 116.
——— *longicornis*. Reuter. 111.
——— *moestus*. Reuter. 111.
——— *zarudnyi*. Reuter. 116.

Piptocentrus n. gen. [Lygaeidae]. Horváth. 58.
——— *pilipes*. Horváth. 58.

Plagiognathus [Capsidae].
——— *cinerascens*. Reuter. 113.

Platymetopius [Jassidae].
——— *niveimarginatus*. Melichar. 88.

Platynopus [Pentatomidae].
——— *fallax*. Schouteden. 131.
——— *horváthi*. Schouteden. 131.

Platypleura [Cicadidae].
——— *adouma*. Distant. 28.
——— *bettoni*. Distant. 29.
——— *laticollis*. Melichar. 88.
——— *longula*. Distant. 29.
——— *mackinnoni*. Distant. 28.
——— *makaga*. Distant. 28.
——— *melania*. Distant. 29.
——— *mira*. Distant. 29.
——— *tepperi*. Goding and Froggatt. 46.
——— *veligera*. Jacobi. 63.
——— *vitticollis*. Jacobi. 63.

Plea [Notonectidae].
——— *japonica*. Horváth. 62.

Pleotoderes [Fulgoridae].
——— *asper*. Fowler. 40.
——— *basalis*. Fowler. 40.
——— *championi*. Fowler. 40.
——— *excelsus*. Fowler. 40.

PLECTODERES [Fulgoridae].
——— *flavovittatus*. Fowler. 40.
——— *fuscolineatus*. Fowler. 40.
——— *lineatocollis*. Fowler. 40.
——— *montanus*. Fowler. 40.
——— *notatus*. Fowler. 40.

Pleuroxonotus n. gen. [Capsidae]. Reuter. 111.
——— *nasutus*. Reuter. 111.

PLINACHTUS [Coreidae].
——— *trilineatus*. Distant. 29.

POCHAZOIDES [Fulgoridae].
——— *asperatus*. Melichar. 88.

PODISUS [Pentatomidae].
——— *carbonarius*. Breddin. 8.
——— *carnifex*. Breddin. 8.
——— *neniator*. Breddin. 8.

POECILOSCYTUS [Capsidae].
——— *antennatus*. Distant. 29.
——— *capitatus*. Distant. 33.
——— *consanguineus*. Distant. 33.
——— *flavipes*. Distant. 29.
——— *pygmaeus*. Distant. 33.

Polychisme n. nom. [Pyrrhocoridae]. Kirkaldy. 73.

POLYCTENES [Polyctenidae].
——— *intermedius*. Speiser. 140.

POLYMERUS [Capsidae].
——— *varicornis*. Jakovlev. 65.

POLYTES [Pentatomidae].
——— *insignis*. Schouteden. 132.
——— *cingulicornis*. Bergroth. 7.

Pomponatius n. gen. [Coreidae]. Distant. 29.
——— *typicus*. Distant. 29.

POMPONIA [Cicadidae].
——— *melanoptera*. Distant. 70.
——— *surya*. Distant. 28.

Poronotellus n. nom. [Capsidae]. Kirkaldy. 73.

Presbole† n. gen. [Palaeohemiptera]. Handlirsch. 54A.
——— *hirsuta*†. Handlirsch. 54A.

PRIONOCOMPASTES [Pentatomidae].
——— *vicarians*. Breddin. 12.

Probergrothius n. nom. [Pyrrhocoridae]. Kirkaldy. 73.

Prodromus n. gen. [Capsidae]. Distant. 33.
——— *clypeatus*. Distant. 33.
——— *subflavus*. Distant. 33.

Proteinissus n. gen. [Fulgoridae]. Fowler. 40.
——— *bilimeki*. Fowler. 40.

Proutista n. nom. [Fulgoridae]. Kirkaldy. 73.

PSALLOPSIS [Capsidae].
——— *basalis*. Reuter. 116.

PSALLUS [Capsidae].
——— *beckeri*. Reuter. 113.
——— *instabilis*. Reuter. 113.
——— *longiceps*. Reuter. 113.
——— *singalensis*. Distant. 33.

PSALTODA [Cicadidae].
——— *plebeia*. Goding and Froggatt. 46.

Pseudohelicoptera n. gen. [Fulgoridae]. Fowler. 40.
——— *nasuta*. Fowler. 40.

Pseudoryxa n. gen. [Fulgoridae]. Schmidt. 130.
——— *carinulata*. Schmidt. 130.

Psilorrhamphocoris n. nom. [Capsidae]. Kirkaldy. 75.

PSYLLA [Psyllidae].
——— *alaskensis*. Ashmead. 1.
——— *dudai*. Šulc. 145.
——— *nasuta*. Horváth. 61.

PTYELUS [Cercopidae].
——— *aethiops*. Jacobi. 63.

PULVINARIA [Coccidae].
——— *maxima*. Green. 50.

PUTALA [Fulgoridae].
——— *apicata*. Melichar. 88.

PYCNA [Cicadidae].
——— *coelestia*. Distant. 28, 29.
——— *hecuba*. Distant. 28.
——— *numa*. Distant. 28.

Quercetanus n. gen. [Reduviidae]. Distant. 33.
——— *atromaculatus*. Distant. 33.
——— *relatus*. Distant. 33.

Raguar n. nom. [Capsidae]. Kirkaldy. 73.

RANATRA [Nepidae].
——— *fuscoannulata*. Distant. 29.
——— *cinnamomea*. Distant. 29.
——— *natalensis*. Distant. 29.
——— *varicolor*. Distant. 29.

RAPHIDOSOMA [Reduviidae].
——— *tuberculatum*. Distant. 33.

REDUVIOLUS [Reduviidae].
——— *chekkeanus*. Kirkaldy. 74.
——— *erigone*. Kirkaldy. 74.
——— *vanduzeei*. Kirkaldy. 74.

Reduvius [Reduviidae].
——— *angiportus*. Distant. 33.
——— *bozesi*. Distant. 33.
——— *esau*. Distant. 33.
——— *knyvetti*. Distant. 33.
——— *transnominalis* n. nom. Distant. 33.

Reuterista n. nom. [Capsidae]. Kirkaldy. 73.

Rhamphixius n. gen. [Fulgoridae]. Fowler. 40.
——— *championi*. Fowler. 40.

Rhamphocoris n. gen. [Reduviidae]. Kirkaldy. 74.
——— *dorothea*. Kirkaldy. 74.

Rhinophantia [Fulgoridae].
——— *fatua*. Melichar. 88.

Rhopalosiphum [Aphidae].
——— *acaenae*. Schouteden. 135.

Rhynchocoris [Pentatomidae].
——— *patulus*. Breddin. 12.

Rhyparochromus [Lygaeidae].
——— *compactus*. Uhler. 151.

Rigania [Fulgoridae].
——— *erlangeri*. Melichar. 88.

Rihana n. gen. [Cicadidae]. Distant. 29.
——— *swalei*. Distant. 29.
——— *virgulata*. Distant. 29.

Rosaphe n. nom. [Aleurodidae]. Kirkaldy & Edwards. 76.
——— *cornuta* n. nom. Kirkaldy & Edwards. 76.

Rudia [Fulgoridae].
——— *proxima*. Fowler. 40.
——— *verticalis*. Fowler. 40.

Rulandus n. gen. [Reduviidae]. Distant. 33.
——— *phaedrus*. Distant. 33.

Runibia [Pentatomidae].
——— *picturata*. Breddin. 8.

Sabaeus [Pentatomidae].
——— *fortispinus*. Breddin. 12.
——— *rectispinus*. Breddin. 12.
——— *teretispinus*. Breddin. 12.

Sabellicus n. gen. [Capsidae]. Distant. 29.

Sadaka n. gen. [Cicadidae]. Distant. 29.

Salda [Saldidae].
——— *dixoni*. Distant. 33.
——— *jakowleffi* var. *moerens* n. var. Horváth. 61.

Scadra [Reduviidae].
——— *tibialis*. Distant. 33.

Scaphoideus [Jassidae].
——— *strigulatus*. Melichar. 88.

Scirtetellus [Capsidae].
——— *seminitens*. Horváth. 61.

Scopiastes [Pyrrhocoridae].
——— *bergrothi*. Kirkaldy. 75.

Scytinoptera † n. gen. [Palaeohemiptera]. Handlirsch. 54A.
——— *kokeni* †. Handlirsch. 54A.

Seliza [Fulgoridae].
——— *squamata*. Melichar. 88.

Seridentus n. gen. [Reduviidae]. Osborn. 101.
——— *denticulatus*. Osborn. 101.

Sesellius n. gen. [Anthocoridae]. Distant. 29.

Siva [Jassidae].
——— *bipunctula*. Melichar. 88.

Sminthocoris n. nom. [Reduviidae]. Distant. 33.

Sophianus n. gen. [Capsidae]. Distant. 33.
——— *alces*. Distant. 33.

Southia n. nom. [Fulgoridae]. Kirkaldy. 73.

Sphedanolestes [Reduviidae].
——— *dives*. Distant. 33.
——— *variabilis*. Distant. 33.

Sphigmocephalus n. gen. [Heniocephalidae]. Enderlein. 38.

Stegius n. gen. [Reduviidae]. Distant 33.
——— *pravus*. Distant. 33.

Stenodema [Capsidae].
——— *alpestre*. Reuter. 114.
——— *chinense*. Reuter. 114.
——— *elegans*. Reuter. 114.
——— *plebejum*. Reuter. 114.
——— *trispinosum*. Reuter. 114.
——— *turanicum*. Reuter 114.

Stenozygum [Pentatomidae].
——— *bergrothi* n. nom. Schouteden. 131.
——— *bicolor*. Schouteden. 134.
——— *decoratum*. Schouteden. 134.
——— *mombasanum*. Schouteden. 131.

Stictocoris n. nom. [Pentatomidae]. Kirkaldy. 73.

Stymphalus [Jassidae].
——— *calliger*. Melichar. 88.

Sundarion n. nom. [Jassidae]. Kirkaldy. 73.

Supputius [Pentatomidae].
——— *obscurus*. Breddin. 8.

Syoanus [Reduviidae].
——— *atrocyaneus*. Distant. 33.
——— *inermis*. Distant. 33.

Symphylax n. gen. [Lygaeidae]. Horváth. 58.
——— *picticollis*. Horváth. 58.
——— ——— var. *blandus* n. var. Horváth. 58.
——— ——— var. *confluens* n. var. Horváth. 58.

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4203-4231 DIPTERA (EXCL. SIPHONAPTERA WHICH ARE PLACED IN 3603-3631).

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The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Corethra nn. spp. New York. **Felt**, E. P. Albany Univ., N.Y., Bull. St. Mus., **79**, 1904, (347, 353); *C. ceratopogones* n. sp. Gambia. **Theobald**, F. V. Liverpool, Thompson Yates Lab. Rep., **5**, 1904, Mem. X, App. (X); *C. indica* n. sp. Moradabad. **Giles**, G. M. J. Trop. Med., London, **7**, 1904, (49); *C. plumicornis* Fabr., Beschreibung. **Kertész**, K. Állatt. Közlem., Budapest, **3**, 1904, (74–75).

Culex nn. spp. Arizona. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (25–26); *C.* nn. spp. New York. **Felt**, E. P. Albany Univ., N.Y., Bull. St. Mus., **79**, 1904, (305–381); *C.* nn. spp. **Felt**, E. P. and **Young**, D. B.

Science, New York, N.Y., (N. Ser.), **20**, 1904, (312-313); *C.* nn. spp. (nom. nud.). Arizona. **Adams**, Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (323-350); *C.* nn. spp., n. var. Gambia. **Theobald**, F. V. Liverpool, Thompson Yates Lab. Rep., **5**, 1904, Mem. X, App. (v-viii); *C. dorsalis* Meig., *C. ornatus* Meig., *C. nemorosus* Meig., *C. cantans* Meig., *C. vexans* Meig., *C. pulchritarsis* Rond., *C. lateralis* Meig., *C. annulatus* Schrnk., *C. richardii* Ficalbi, *C. pipiens* L., *C. modestus* Fic., Beschreibung. **Kertész**, K. Állatt. Közlem, Budapest, **3**, 1904, (38-70); *C. dupreei* n. sp. Louisiana. **Coquillett**, D. W. Canad. Ent., Toronto, **36**, 1904, (10); *C. fatigans*, experiments in feeding, etc. **Goeldi**, E. A. Bol. Mus. Goeldi, Pará, **4**, 1904, (129-197); *C. fuscanus* Wied., Asia Minor, characters. **Giles**, G. M. J. Trop. Med., London, **7**, 1904, (384); *C. luteolateralis* nn. varr. **Theobald**, F. V. *l.c.* Liverpool, Thompson Yates Lab. Rep., Pt. II, **5**, 1904, Mem. XI, App. (ii); *C. peus* n. nom. = *C. affinis* Adams. **Speiser**, P. Insektenbörse, Leipzig, **21**, 1904, (148); *C. siphonalis* n. sp. New Jersey. **Grossbeck**, J. A. Canad. Ent., Toronto, **36**, 1904, (332); *C. sollicitans*, life history. **Smith**, J. B. Psyche, Cambridge, Mass., **10**, 1903, (1-6, with 1 pl.); *C. taeniorhynchoides* n sp. Angola. **Giles**, G. M. J. Trop. Med., London, **7**, 1904, (368).

Culicada n. gen. (type, *canadensis* Theo.). **Felt**, E. P. Albany Univ., N.Y., Bull. St. Mus., **79**, 1904, (391 *b*).

Culicella n. gen., type, *dyari* Coq. **Felt**, E. P. *l.c.* (391 *c*).

Culicelsa n. gen., type, *taeniorhynchus* Wied. **Felt**, E. P. *l.c.* (391 *b*).

Culiseta n. gen., type *absobrinus* Felt. **Felt**, E. P. *l.c.* (391 *c*).

Danielsia n. gen. (*Culicina*). **Theobald**, F. V. Entomologist, London, **1904**, (78); *D. albotaeniata* n. sp. Kuala Lumpur. **Leicester**, *Dr. l.c.* (111).

Desvoidea fusca var. *joloensis* n. var. **Ludlow**, C. S. Canad. Ent., Toronto, **36**, 1904, (236).

Ecculex n. gen., (type *sylvestris* Theo.). **Felt**, E. P. Albany Univ., N.Y., Bull. St. Mus., **79**, 1904, (391 *c*).

Finlayia, modified to include *Orthopomyia*; nn. spp. Philippines. **Giles**, G. M. J. Trop. Med., London, **7**, 1904, (366-367).

Grabhamia deniedmannii n. sp. Philippines. **Ludlow**, C. S. Canad. Ent., Toronto, **36**, 1904, (234).

Hodgesia sp. Philippines. **Giles**, G. M. J. Trop. Med., London, **7**, 1904, (368, fig.).

Howardina himalayana n. sp. Naini Thal. **Giles**, G. M. *l.c.* (384).

Hulecoeteomyia n. gen. (*Culicina*). **Theobald**, F. V. *H. trilineata* n. sp. Kuala Lumpur. **Leicester**, *Dr.* Entomologist, London, **1904**, (165).

Lasioconops n. gen., near *Culex*, *L. poicilipes* n. sp. W. Africa. **Theobald**, F. V. Liverpool, Thompson Yates Lab., **5**, 1904, Mem. X, App. (viii, ix).

Leicesteria n. gen. near *Eretmapodites*. **Theobald**, F. V. *L. longipalpis* n. sp. Kuala Lumpur. **Leicester**, *Dr.* Entomologist, London, **1904**, (211).

Lophoscelomyia n. gen. (*Anophelina*). **Theobald**, F. V. *L. asiatica* n. sp. Kuala Lumpur. **Leicester**, *Dr. l.c.* (12-13).

Megarhinus lewaldii n. sp. Philippines. **Ludlow**, C. S. Canad. Ent., Toronto, **36**, 1904, (233).

Mimomyia chamberlaini n. sp. Philippines. **Ludlow**, C. S. *l.c.* (297).

Mochlonyx velutinus, Metamorphose. **Wimmer**, A. Prag, Rozpr. České Ak. Frant. Jos., **13**, 1904, I, (1-10, mit 2 Taf.).

Myzomyia rossii var. **Giles**, G. M. J. Trop. Med., London, **7**, 1904, (1); *M. thorntonii* n. sp. Philippines. **Ludlow**, C. S. Canad. Ent., Toronto, **36**, 1904, (69-71).

Myzorhynchus sinensis? larva. **Giles**, G. M. J. Trop. Med., London, **7**, 1904, (51).

Nyssorhynchus jamesii and *N. fuliginosus* queried as one species, also *N. theobaldi* and *N. maculipennis*. **Giles**, G. M. *l.c.* (22).

Orthopodomyia n. gen. near *Finlaya*. **Theobald**, F. V. *O. albipes* n. sp. Kuala Lumpur. **Leicester**, *Dr.* Entomologist, London, **1904**, (236-237).

Protoculex n. gen., type *serratus* Theo. **Felt**, E. P. Albany Univ., N.Y., Bull. St. Mus., **79**, 1904, (391 *d*).

Runchomyia philippinensis n. sp. Philippines. **Giles**, G. M. J. Trop. Med., London, **7**, 1904, (368).

Sayomyia nn. spp. New York. **Felt**, E. P. Albany Univ., N.Y., Bull. St. Mus., **79**, 1904, (366, 371).

Scutomyia n. gen. (*Culicina*), *S. albolineata* n. sp. Kuala Lumpur. **Theobald**, F. V. Entomologist, London, **1904**, (77).

Stegomyia nn. spp. Philippines. **Giles**, G. M. J. Trop. Med., London, **7**, 1904, (367); *S. albocephala* n. sp. Gambia. **Theobald**, F. V. Liverpool, Thompson Yates Lab. Rep., **5**, 1904, Mem. X, App. (iv); *S. fasciata*, experiments in feeding, etc. **Goeldi**, E. A. Bol. Mus. Goeldi, Pará, **4**, 1904, (129–197); *S. fasciata*, note sur un parasite (*Nosema*). **Simond**, P. L. Paris, C.-R. soc. biol., **55**, 1903, (1335–1337); *S. scutellaris* var. *samarensis* n. var. **Ludlow**, C. S. Canad. Ent., Toronto, **36**, 1904, (71–72).

Taeniorhynchus nn. spp. Philippines and Antigua. **Giles**, G. M. J. Trop. Med., London, **7**, 1904, (367, 384); *T.*, revised, species tabulated. **Giles**, G. M. *l.c.* (381–383).

Toxorhynchites leicesteri n. sp. Malay States. **Theobald**, F. V. *T. metallicus* n. sp. **Leicester**, *Dr.* Entomologist, London, **1904**, (36, 37).

Uranotaenia nitidoventer n. sp. Philippines. **Giles**, G. M. J. Trop. Med., London, **7**, 1904, (368).

CHIRONOMIDAE.

Ceratopogon nn. spp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78); *C. dimidiatus* n. sp. Arizona. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (27).

Chasmatonotus univittatus n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78).

Chironomus, metamerer Aufbau des Kopfes der Larve. **Holmgren**, N. Zs. wiss. Zool., Leipzig, **76**, 1904, (439–477, mit 2 Taf.); *C. plumosus*, Massenschwarm. **Schuster**, L. Zool. Garten, Frankfurt a. M., **45**, 1904, (344–345).

Metriocnemus knabi n. sp. Massachusetts. **Coquillett**, D. W. Canad. Ent., Toronto, **36**, 1904, (11).

Telmatogeton alaskensis n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78).

PSYCHODIDAE.

Clytocerus n. gen. for part of *Pericoma*. **Eaton**, A. E. Ent. Mag., London, **40**, 1904, (59).

Logima n. gen., type *Psychoda erminea* Eat. **Eaton**, A. E. *l.c.* (58).

Philosepedon n. gen. for *P. humeralis* Meig. **Eaton**, A. E. *l.c.* (57).

Phlebotomus and allies, characters. **Eaton**, A. E. *l.c.* (55, 56).

Telmatoscopus n. gen. for part of *Pericoma*. **Eaton**, A. E. *l.c.* (58).

Threticus n. gen., *T. gemima* n. sp. England, *T. compar* n. sp. Britain, Algeria, Madeira. **Eaton**, A. E. *l.c.* (57).

Xenapates n. gen. for part of *Pericoma*. **Eaton**, A. E. *l.c.* (58).

TIPULIDAE.

General.

Snodgrass, R. E. The Tipulid hypopygium, a study in specific adaptations. Psyche, Cambridge, Mass., **10**, 1903, (188–189).

Special.

Cylindrotoma juncta n. sp Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78).

Dicranomyia kobusi n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**,, 1904, (91, pl. VIII, figs. 5, 6).

Eriocera nigripennis n. sp. Südasien. **Meijere**, J. C. H. de. *l.c.* (92).

Ornithodes n. gen., (type *O. harrimani* n. sp.). Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78).

Pachyrrhina nn. spp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (89–90, pl. VIII, fig. 4).

Peditia spp., *P. magnifica* n. sp. British Columbia. **Hine**, J. S. Ohio Nat. Columbus, Ohio, **3**, 1903, (416–417).

Pselliophora nn. spp. Java. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (87–88, pl. VIII, fig. 1).

Rhypholophus flaveolus n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition). New York, **9**, 1904, (1–78).

Tipula nn. spp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78); *T. thibetana* n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr.-Dierk., **17–18**, 1904, (89).

BIBIONIDAE.

Bibio obscuripennis n. sp. India. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (87).

Plecia borussica† n. sp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (391–404); *P. lugubris* n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (86).

Scatopse† nn. spp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst, **24**, 1904, (391–404).

SIMULIIDAE.

Simulia† nn. spp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **25**, 1904, (391–404); *S. columbaczensis* Fab. and *S. reptans* L. as causes of diseases in cattle. **Bergman**, A. M. Malmö, Malmöhus Hush. Sällsk. Qvartalsskr., **1903**, (214–235, with pl.).

Simulium notatum n. sp. (nom. nud.). Arizona. **Adams**, *in* **Snow**, F. H. Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (323–350, 434); *S. tephrodes* n. nom. = *S. cinereum* Bellardi. **Speiser**, P. Insektenbörse, Leipzig, **21**, 1904, (148).

RHYPHIDAE.

Rhipidia pulchra n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr Dierk., **17–18**, 1904, (92, pl. VIII, fig. 7).

Rhyphus† nn. spp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (391–404).

STRATIOMYIIDAE.

General.

Melander, A. L. Notes on North American *Stratiomyiidae*. Canad. Ent., Toronto, **36**, 1904, (14–25, 53–54).

Special.

Chrysochroma albipes Town. (= *Chrysonotus albipes* n. sp. Townsend MS.) Mexico. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (31).

Eudmeta brunnea n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (94, pl. VIII, fig. 19).

Euparyphus nn. spp. Western U. S. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (29–31); *E. albipilosus* n. sp. (nom. nud.). Arizona. **Adams**, *in* **Snow**, F. H. *l.c.* **2**, 1904, (323–350); *E. obliquus* n. sp. British Columbia. **Hine**, J. S. Canad. Ent., Toronto, **36**, 1904, (87–88).

Hermetia nn. spp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (93, pl. VIII, fig. 9).

Nemotelus nn. spp. Texas and California. **Melander**, A. L. Psyche, Cambridge, Mass., **10**, 1903, (171–183, with 1 pl.); *N.* nn. spp. Kansas. **Adams**, C. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (22); *N.* nn. spp. Kansas. **Snow**, F. H. *l.c.* (211–223).

Ptecticus tricolor n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (95, pl. VIII, fig. 11).

Rosapha bimaculata n. sp. Java. **Meijere**, J. C. H. de. *l.c.* (96, pl. VIII, figs. 13, 14).

LEPTIDAE.

Chrysopila nn. spp. Western U. S. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (437–438); *C. simplex* n. sp. Südasien. **Meijere**, J. C. H de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (97).

Leptis nn. spp. Washington. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (441–442).

Symphoromyia flavipalpis n. sp. Utah and Colorado. **Adams**, C. F. *l.c.* (439).

Xylophagus nitidus n. sp. New Hampshire. **Adams**, C. F. *l.c.* (435).

TABANIDAE.

General.

Hine, J. S. Insects injurious to stock in the vicinity of the Gulf biologic station. [Cameron, La.] [With notes on *Tabanidae* and their natural enemies.] Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44**, 1904, (57–60).

——— Some economic considerations with reference to *Tabanidae*. *l.c.* No. **46**, 1904, (23-25).

Special.

Chrysops nn. spp. N. Carolina. **Hine**, J. S. Canad. Ent., Toronto, **36**, 1904, (55–56); C. nn. spp. **Whitney**, C. P. *l.c.* (205).

Dichelacera grandis n. sp. Brit. Honduras. **Ricardo**, G. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (371).

Tabanus nn. spp. **Whitney**, C. P. Canad. Ent. Toronto, **36**, 1904, (206–207).

Udenocera n. gen. (*Tabaninae*), *U. brunneus* n. sp. Ceylon. **Ricardo**, G. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (355).

THEREVIDAE.

Psilocephala nn. spp. Arizona. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (443–444); *P.* nn. spp. (nom. nud.). Arizona. **Snow**, F. H. *l.c.* (323-350); *P. acuta* n. sp. Kansas. **Adams** *in* **Snow**, F. H. *l.c.* **2**, 1903, (211–223).

Thereva anomala n. sp. (nom. nud.). Arizona. **Adams** *in* **Snow**, F. H. Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (323–350, 447).

SCENOPINIDAE.

Scenopinus nn. spp. Arizona. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (445); S. nn. spp. (nom. nud.). Arizona. **Snow**, F. H. *l.c.* (323–350).

BOMBYLIIDAE.

General.

Villeneuve, J. Les Bombyles de Meigen au Muséum de Paris. Paris, Bul. soc. ent., **1903**, (237–239).

Special.

Anthrax harveyi n. sp. British Columbia. **Hine**, J. S. Canad. Ent., Toronto, **36**, 1904, (88–89).

Bombylius major. Saugt die Grosse Schwebfliege im Schweben? **Schuster**, L. Zool. Garten, Frankfurt a M., **45**, 1904, (260–261).

Phthiria nn. spp. United States. **Johnson**, C. W. Psyche, Cambridge, Mass., **10**, 1903, (184–185).

Systropus, adaptation parallèle de l'hôte et du parasite aux mêmes conditions d'existence. **Kunckel d'Herculais**, J. Paris, C.-R. Acad. sci., **138**, 1904, (1623–1625).

MYDAIDAE.

Mydas abdominalis n. sp. (nom. nud.). Arizona. **Adams** *in* **Snow**, F. H. Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (323-350, 434).

ASILIDAE.

Anisopogon johnsoni n. sp. Colorado. **Bach**, E. A. Canad. Ent., Toronto, **36**, 1904, (293).

Atomosia sayii n. sp. Eastern U.S. **Johnson**, C. W. Psyche, Cambridge, Mass., **10**, 1903, (113).

Ceraturgopsis n. gen., type, *Dasypogon cornutus* Wiedemann. **Johnson**, C. W. *l.c.* (111).

Dasyllis nn. spp. N. America. **Bach**, E. A. Canad. Ent., Toronto, **36**, 1904, (289–290).

Dizonias pilatei n. sp. Georgia. **Johnson**, C. W. Psyche, Cambridge, Mass., **10**, 1903, (112).

Ospriocerus albifasciatus n. sp. Florida. **Bach**, E. A. Canad. Ent., Toronto, **36**, 1904, (292).

Saropogon nn. spp. Texas. **Johnson**, C. W. Psyche, Cambridge, Mass., **10**, 1903, (113).

EMPIDAE.

General.

Bezzi, M. Empididi indo-australiani raccolti dal signor L. Biró. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (320–361, con 7 fig.).

Special.

Acarterus pallipes n. sp. ♂ ?. Ost-Indien. **Bezzi**, M. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (335).

Anthepiscopus antipodus n. sp. ♀. Ost-Indien. **Bezzi**, M. *l.c.* (339–340).

Chersodromia lutescens n. sp. ♀. Ost-Indien. **Bezzi**, M. *l.c.* (358–359).

Clinocera (*Wiedemannia*) *microstigma* n. sp. ♂ ♀. **Bezzi**, M. *l.c.* (201–202).

Coloboneura argyropalpa n. sp. ♂ ♀. Ost-Indien. **Bezzi**, M. *l.c.* (358).

Ctenodrapetis v. Drapetis.

Drapetis Meip., synoptische Übersicht der Arten ; 9 nn. spp. Ost Indien. **Bezzi**, M. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (350–356).

Elaphropeza Macq., synoptische Übersicht der Arten, *E. fulvithorax* v. D. Walp, Beschreibung; 3 nn. spp. Ost Indien. **Bezzi**, M[ario]. *l.c.* (346–349).

Empis nn. spp Alaska and British Columbia. **Coquillett**, D. W. Alaska, (Harriman Expedition), New York, **9**, 1904, (1–78) ; *E.* nn. spp., Ost-Indien. **Bezzi**, M. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (340–344); *E. setigera*, étude. **Villeneuve**, J. Paris, Bul. soc. ent., **1903**, (212).

Epiceia v. Syneches.

Gloma scopifera n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78).

Halsanalotes setifrons n. sp. ♂. **Bezzi**, M. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (357).

Harpamerus v. Syneches.

Hilara aurata n. sp. Alaska and Maine. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, 1904, (1–78).

Hybos Meig., synoptische Übersicht der Arten; *H. geniculatus* v. D. Wulp, *H. papuana* Kert., *H. sydneyensis* Schin., Beschreibung ; *H. bezzii*, faunistisch; 3 nn. sp. Ost Indien. **Bezzi**, M. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (324–328).

Leptopeza nn. sp. Ost. Indien. **Bezzi**, M. *l.c.* (336–339).

Microphorus nn. spp. Alaska and British Columbia. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78).

Parahybos iridipennis Kert., Beschreibung. **Bezzi**, M. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (336).

Platypalpus nn. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78).

Ptilophyllodromia n. gen., *P. birói* n. sp. Ost Indien. **Bezzi**, M. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (344–345).

Rhamphomyia nn. spp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78) ; *R.* nn. spp. **Bezzi**, M. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (198–202).

Syndyas nn. spp. Ost Indien. **Bezzi**, M. *l.c.* (323–324).

Syneches Walk., synoptische Übersicht der Arten; *S.* (*Epiceia*) *bicolor* Walk., Beschreibung; 4 nn. spp. Ost Indien. **Bezzi**, M. *l.c.* (329–324).

Tachydromia (*Platypalpus*) *chionochaeta* n. sp. ♀. Ost Indien. **Bezzi**, M. *l.c.* (359–560).

Wiedemannia v. *Clinocera.*

DOLICHOPIDAE.

General.

Snodgrass, R. E. The hypopygium of the *Dolichopodidae*. San Francisco, Proc. Cal. Acad. Sci., (Ser. 3), **3**, 1904, (1 l + 273–294, with 4 pls.).

Special.

Dolichopus nn. spp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78); *D.*, European catalogued and classified. **Verrall**, G. H. Ent. Mag., London, **40**, 1904, (241–242); *D. andalusiacus*, *D. lineaticornis*, characters; *D. laticola* n. sp. **Verrall**, G. H. *l.c.* (226–227).

PHORIDAE.

Phora in nests of ants and *Bombus*. **Collin**, J. E. London, Trans. Ent. Soc., **1904**, (Proc. XXI).

TERMITOXENIIDAE.

Termitoxenia jaegerskioeldi n sp. Sudan. **Wasmann**, E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (16–17).

PIPUNCULIDAE.

Pipunculus nn. spp. Missouri and New Mexico. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (36).

CONOPIDAE.

General.

Meijere, J. C. H. de. Biologie und systematische Verwandtschaft der Conopiden. 's Gravenhage, Tijdschr. Ent., **46**, 1904, (144–225, mit 4 Taf.).

Special.

Conops nn. spp. South Africa. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (43–44).

Myopa tectura n. sp. North America. **Adams**, C. F. *l.c.* (35).

Occemyia simillima n. sp. Südasien. **Meyere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (103).

Oncomyia propinqua n. sp. North America. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (32).

Zodion nn. spp. Western U. S. **Adams**, C. F. *l.c.* (33–35); *Z.* nn. spp. (nom. nud.). Arizona. **Snow**, F. H. *l.c.* **2**, 1904, (323–350).

SYRPHIDAE.

General.

Ketel, [K. F.] Die in Norddeutschland bisher beobachteten Schwebfliegen (*Syrphidae*). Tl 1. (3. Jahresber. des städt. Progymnasiums mit Realabt. zu Pasewalk von Ostern 1902 bis Ostern 1903.) Pasewalk (Druck v. H. Gnädig), 1903, (1–16). 25 cm.

Osburn, R. C. The Diptera of British Columbia. Second Part. The *Syrphidae*. Canad. Ent., Toronto, **36**, 1904, (213–220, 257–282).

Special.

Callicera yerburyi n. sp. Scotland. **Verrall**, G. H. Ent. Mag., London, **40**, 1904, (229).

Ceria trinotata n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (97).

Chilosia borealis n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78).

Criorhina tricolor n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78).

Helophilus caudatus n. sp. Aru-Isles. **Meijere**, J. C. H. de. Leiden, Notes Mus. Jentink, **24**, 1904, (177–178).

Microdon lanceolatum n. sp. Kansas. **Adams** in **Snow**, F. H. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (222); *M. metallicus* n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (98); *M. mutabilis*. **Villeneuve**, J. Paris, Bul. soc. ent., **1903**, (125–127, 193–194, 212).

Milesia semifulva n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (99, pl. VIII, fig. 16).

Nausigaster scutellaris (nom. nud). n. sp. **Adams**, C. F. *in* **Snow**, F. H. Lawrence, Kan. Univ. Sci. Bull., **2**, 1904, (323–350, 446).

Palaeoascia uniappendiculata† n. sp. Bernstein. **Meunier**, F. Berlin, Jahrb. geol. Landesanst., **24**, 1904, (201–210).

Palaeosphegina elegantula† n. sp. Bernstein. **Meunier**, F. *l.c.* (201–210).

Platychirus nn. spp. Alaska. **Coquillett,** D. W. Alaska (Harriman Expedition), New York, **9,** 1904, (1–78).

Rhingia cincta n. sp. Java. **Meijere,** J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18,** 1904, (101).

Spheginascia biappendiculata† n. sp. Bernstein. **Meunier,** F. Berlin, Jahrb. geol. Landesanst, **24,** 1904, (201–210).

Sphyxomorpha snowi n. sp. (nom. nud.). Arizona. **Adams** *in* **Snow,** F. H. Lawrence, Kan., Univ. Sci. Bull., **2,** 1904, (323–350, 447).

Syrphus curvipetiolatus† n. sp. Bernstein. **Meunier,** F. Berlin, Jahrb. geol. Landesanst., **24,** 1904, (201–210, mit 1 Taf.); *S. gracilis* n. sp. Alaska. **Coquillett,** D. W. Alaska (Harriman Expedition), New York, **9,** 1904, (1–78); *S. viridiceps* Macquart, a " parasite " of *Aphis persicae-niger*. **Froggatt,** W. W. Agric. Gaz., Sydney, N.S.W., **15,** 1904, (610, fig. 8).

Volucella ursina n. sp. Südasien. **Meijere,** J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18,** 1904, (101).

Xanthandrus comtus, larval habits. **Chapman,** T. A. London, Trans. Ent. Soc., **1904,** (Proc. LXX).

Xylota pulchra† n. sp. Bernstein. **Meunier,** F. Berlin, Jahrb. geol. Landesanst., **24,** 1904, (201–210, mit 1 Taf.).

MUSCIDAE ACALYPTRATAE.

Asteia elegantula Zett., new to Britain. **Jenkinson,** F. Ent. Mag., London, **40,** 1904, (4).

Bischofia varia n. sp. Canada. **Coquillett,** D. W. Canad. Ent., Toronto, **36,** 1904, (12).

Bostrichopyga borealis n. sp. Norwegen. **Hendel,** F. Wien, Verh. Zool-Bot. Ges., **53,** 1903, (383–385).

Chlorops nn. spp. Western U. S. **Adams,** C. F. Lawrence, Kan., Univ. Sci. Bull., **2,** 1903, (39–43); *C. halteralis* n. sp. (nom. nud.). Arizona. **Adams** in **Snow,** F. H. *l.c.* **2,** 1904, (323–350).

Diopsis nn. spp. South Africa. **Adams,** C. F. *l.c.* **2,** 1903, (45).

Drosomyia picta n. sp. Java. **Meijere,** J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18,** 1904, (114, pl. VIII, figs. 30–31).

Elachiptera bilineata n. sp. Arizona. **Adams,** *in* **Snow,** F. H. Lawrence, Kan. Univ. Sci. Bull., **2,** 1904, (323–350, 453).

Ephydra riparia Fall., Anatomie und Entwicklung der Larve. **Trägårdh,** I. Ark. Zool., Stockholm, **1,** 1–2, 1903, (1–42, mit 4 Taf.).

Hippelates bilineatus n. sp. Java. **Meijere,** J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18,** 1904, (113, pl. VIII, figs. 27, 28); *H. splendens* n. sp. Wyoming. **Adams,** C. F. Lawrence, Kan., Univ. Sci. Bull., **2,** 1904, (453).

Hydrellia ranunculi, biologie et nocuité. **Marchal,** P. Paris, Bul. soc. ent., **1903,** (236–237, av. fig.).

Icterica fasciata n. sp. (nom. nud.). Arizona. **Adams,** C. F. *in* **Snow,** F. H. Lawrence, Kan., Univ. Sci. Bull., **2,** 1904, (323–350); description, *l.c.* (449).

Limnia nn. spp. New Zealand. **Hutton,** Wellington, Trans. N. Zeal. Inst., **36,** 1904, (154–155).

Limosina nn. spp. Kansas. **Adams,** C. F. *in* **Snow,** F. H. Lawrence, Kan., Univ. Sci. Bull., **2,** 1903, (211–223); *L.* nn. spp. Western U. S. **Adams,** C. F. *l.c.* **2,** 1904, (433–455).

Myrmemorpha rufescens n. sp. Südasien. **Meijere,** J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18,** 1904, (113).

Oethera mantispa Lw., new to Britain **Lamb,** C. G. Ent. Mag., London, **40,** 1904, (277).

Oedoparea glauca n sp. Alaska. **Coquillett,** D. W. Alaska (Harriman Expedition), New York, **9,** 1904, (1–78).

Opomyza undescribed sp., habits. **Poynton.** Wellington, Trans. N. Zeal. Inst., **36,** 1904, (170–172).

Oscinis frit. **Tedin,** H. Sv. Utsädesf. Tidskr., Malmö, **12,** 1902, (150–158); attack on seed. **Nilsson-Ehle,** H. *l.c.* (158–165).

Pachycerina dolorosa n. sp. Colorado. **Williston,** *in* **Adams,** C. F. Lawrence, Kan., Univ. Sci. Bull., **2,** 1903, (37).

Peletophila nn. spp. **Becker,** T. Zs. Hymenopter., Teschendorf, **4,** 1904, (129–133).

Periscelis annulata Fall., a Drosophilid new to Britain. **Lamb**, C. G. Ent. Mag., London, **40**, 1904, (277).

Platyparea poeciloptera, nocuité. **Giard**, A. Paris, C.-R. soc. biol., **55**, 1903, (907–910).

Pogonota kincaidi n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78).

Pseudeurina n. gen., *P. maculata* n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (112, pl. VIII, figs. 24, 25).

Rhabdochaeta n. gen., *R. pulchella* n. sp. Java. **Meijere**, J. C. H. de. *l.c.* (109, pl. VIII, figs. 22, 23).

Rhagoletis cingulata. **Chittenden**, F. H. Washington, D.C., Bull. U. S. Dept. Agric. Div. Ent., No. **44**, 1904, (70–75, with text fig.); *R. suavis*. **Babb**, G. F. Philadelphia, Pa., Ent. News Acad. Nat. Sci, **13**, 1902, (242, with pl.).

Sapromyza compsella n. sp. Norwegen. **Hendel**, F. Wien, Verh. ZoolBot. Ges., **53**, 1903, (383–385); *S. obscura* n. sp. Java. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (111).

Scatella fallax n. sp. Oesterreich. **Czerny**, L. Wien, Verh. ZoolBot. Ges., **53**, 1903, (2: 8–240); *S. setosa* n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78).

Scatophaga frigida n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78).

Scyphella pumilio n. sp. Java. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (113, pl. VIII, fig. 29).

Sepedon scapularis n. sp. South Africa. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (46).

Sepsis javanica n. sp. Java. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (107).

Spilographa cerasi, Lebensweise. **Sajó**, K. Prometheus, Berlin, **16**, 1904, (119–120).

Telecpsis nitidus n. sp. South Africa. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1903, (46).

Tephritis melanotrichota n. sp. Norwegen. **Hendel**, F. Wien, Verh. ZoolBot. Ges., **53**, 1903, (383–385).

Tetanocera inopa n. sp. Washington. **Adams**, C. F. Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (448).

Turriger n. gen., verwandt mit *Drepanophora*, *T. frontalis* n. sp. **Kertész**, K. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (73–75, mit 2 Textfig.).

Urellia nn. spp. (nom. nud.). Arizona. **Adams**, C. F. *in* **Snow**, F. H. Lawrence, Kan., Univ. Sci. Bull., **2**, 1904, (323–350); *U.* nn. spp. Western U. S. **Adams**, C. F. *l.c.* (451–452).

Xenaspis vespoides n. sp. Südasien. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18**, 1904, (107).

Zygaenula albofasciata n. sp. India. **Meijere**, J. C. H. de. *l.c.* (108, pl. VIII, fig. 21).

MUSCIDAE CALYPTRATAE.

General.

Schilling, A. Ueber die Tsetsekrankheit oder Nagana. Berlin, Arb. Gesundhstamt, **21**, 1904, (476–536).

Stein, P. Beschreibung der amerik. Arten von *Anthomyiidae*. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (414–495).

Special.

Acemyia subrotunda: nuovo insetto endofago delle Cavallette. **Ribaga**, C. Bollettino di Entomologia agraria, Padova, **9**, 1902, (177–179).

Anacamptomyia n. gen., *A. africana* n. sp. Kapland. **Bischof**, J. Wien, Verh. ZoolBot. Ges., **54**, 1904, (79–81).

Ananta lateralis Meig., étude. **Villeneuve**, J. Paris, Bul. soc. ent., **1903**, (125–127, 193–194, 212).

Anthomyia albicincta Fall., *A. radicum* L., faunistisch. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (482); *A. mystacea* n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78); *A. spreta*, larval habits.

Chapman, T. A. London, Trans. Ent. Soc., **1904**, (Proc. XLVIII).

Antistasea n. gen., *A. fimbriata* n. sp. Kapland. **Bischof**, J. Wien, Verh. ZoolBot. Ges., **54**, 1904, (82–83).

Aricia Rob. Desv., synopt. Übersicht der amerikanischen Arten, *A. chlorogaster* Big. ♀, *A. serva* ♂ ♀ Mg., Beschreibung; nn. spp. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (415–428).

Auchmeromyia luteola, larva as an ectoparasite of man. **Lelean**, P. S. Brit. Med. J., London, **1904**, 1, (245); *A. luteola*? larval habits. **Christy**, **Dutton**, and **Todd**. *l.c.* **2**, (664–666).

Azelia cilipes Hal. ♂, faunistisch. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (458).

Calliphora cockaynei n. sp. **Hutton**. Wellington, Trans. N. Zeal. Inst., **36**, 1904, (155).

Chirosia glauca n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78).

Chortophila ciliicrura Rnd., faunistisch. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (481–482).

Clinopera v. *Spilogaster*.

Coelomyia subpellucens Zeit., faunistisch. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (458).

Coenosia Mg., synopt. Übersicht der amerikanischen Arten; *C. ausoba* Wlk., *C. calopyga* Lw., faunistisch; *C. insignis* Stein, weitere Charaktere; nn. spp. **Stein**, P. *l.c.* (482–193); *C. tumidicentris* n. sp. Java. **Stein**, P. 's Gravenhage, Tijdschr. Ent., **47**, 1904, (112).

Deiretia n. gen., *D. atra* n. sp. Kapland. **Bischof**, J. Wien, Verh. ZoolBot. Ges., **54**, 1904, (95–97).

Empheremyia n. gen., *E. atra* n. sp. Brasilien. **Bischof**, J. *l.c.* (87–88).

Epalpus, Notizen von mehreren Arten; nn. spp. Peru, Brasilien, etc. **Bischof**, J. *l.c.* (90-93).

Galapagomyia n. nom. = *Microcerella* B. & B. nec. Macq.; *G. rufomaculata* n. nom. **Bischof**, J. *l.c.* (97).

Glossina, larvae, habits, notes. **Austen**, E. E. Brit. Med. J., London, **1904**, 2, (658–662); Lancet, **1904**, 2, (464-465); *G.*, revision of characters, and synonymy. **Austen**, E. E. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (151–155); *G.*, Systematik, Verbreitung. **Lichtwardt**, B. und **Grünberg**, K. Beitr. KolPolit., Berlin, **4**, 1902-03, (263-271, mit 1 Taf.); *G.* and transmission of sleeping sickness. **Sambon**, L. W. Brit. Med. J., London, **1904**, 1, (696–697).

Haematobia exigua n. sp. Java. **Meijere**, J. C. H. de. Amsterdam, Bijdr. Dierk., **17-18**, 1904, (104).

Homalomyia Behé, synopt. Übersicht der amerikanischen Männchen; *H. dasyops* Stein, *H. heydenii* Wied., *H. abnormis* Stein, *H. obscurinervis* Stein, Beschreibung; *H. canicularis* L., *H. ornata* Mg., *H. penicillaris* Stein, *H. scalaris* F., faunistisch; nn. spp. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (452–458); *H. flavivaria* n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78).

Hydrophoria hilariformis Stein, *H. socialis* Stein, faunistisch; *H. dexiaria* ♂ n. sp. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (474–476).

Hydrotaea pilipes Stein from the Forth district. **Grimshaw**, P. H. Ann. Scot. Nat. Hist., Edinburgh, **1904**, (158–160); *H. succedens* ♀ Wlk., faunistisch; *H. villosa* ♂ ♀ n. sp. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (451).

Hyetodesia nn. spp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78).

Hylemyia nn. spp. Alaska. **Coquillett**, D. W. *l.c.* (1–78); *H. alcathoë* Wlk., *H. testacea* Stein, faunistisch; *H. limbinervis* Macq., *H. punctipennis* Wied., Charaktere, *H. lindigii* Stein, Beschreibung; nn. spp. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (478–481).

Lasiops calvicrura n. sp. Alaska. **Coquillett**, D. W. Alaska (Harriman Expedition), New York, **9**, 1904, (1–78); *L. crenatus* Big., faunistisch. **Stein**, P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (482).

Limnophora nn. spp. Java. **Stein,** P. 's Gravenhage, Tijdschr. Ent., **47,** 1904, (106–108); *L.* Rob. Desv. synopt. Übersicht der amerikanischen Arten; *L. narona* Wlk., *L. arcuata* Stein, *L. aequifrons* Stein, faunistisch; *L. saeva* Wied., *L. normata* Big., *L. nobilis* Stein, *L. corvina* G. T., *L. deleta* Wulp, *L. garrula* G. T., Beschreibung; nn. spp. **Stein,** P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (459–473).

Lispa, Monograph of palaearctic spp.; 9 nn. spp. **Becker,** T. Zs. Ent., Breslau, (N.F.), **29,** 1904, (1–70); *L. sericipalpis* n. sp. Java. **Stein,** P. 's Gravenhage, Tijdschr. Ent., **47,** 1904, (110); *L. sociabilis* Lw., faunistisch. **Stein,** P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (474).

Musca domestica as disseminator of disease. **Austen,** E. E. J. R. Army Med. Corps, London, **1904,** (1–16, with 1 pl.); *M. modesta* n. sp. Java. **Meijere,** J. C. H. de. Amsterdam, Bijdr. Dierk., **17–18,** 1904, (106).

Myopina appendiculata ♀ ♂ n. sp. **Stein,** P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (473–474).

Ophyra aenescens Wied., *O. leucostoma* Wied., faunistisch; *O. coerulea* Mg., *O. cutilia* Wlk., Beschreibung. **Stein,** P. *l.c.* (451–452).

Parachetolyga n. gen., *P. metopia* n. sp. Brasilien. **Bischof,** J. Wien, Verh. ZoolBot. Ges., **54,** 1904, (83–84).

Paraphyto borealis n. sp. Alaska. **Coquillett,** D. W. Alaska (Harriman Expedition), New York, **9,** 1904, (1–78).

Pegomyia univittata Big., faunistisch. **Stein,** P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (481).

Phorbia biciliata n. sp. Alaska. **Coquillett,** D. W. Alaska (Harriman Expedition), New York, **9,** 1904, (1–78).

Phorocera, revision of N. Zeal. spp.; 6 nn. spp. **Hutton.** Wellington, Trans. N. Zeal. Inst., **36,** 1904, (150–153).

Pogonomyia sp. ?, faunistisch. **Stein,** P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904 (429).

Polychnomyia n. gen., *P. flavohalterata* n. sp. Kapland. **Bischof,** J. Wien, Verh. ZoolBot. Ges., **54,** 1904, (85–86).

Pseudoformia pauper n. sp. Halmaheira. **Meijere,** J. C. H. de. Leiden, Notes Mus. Jentink, **24,** 1904, (177–178).

Ptilogonia n. gen., *P. neotropica* n. sp. Brasilien. **Bischof,** J. Wien, Verh. ZoolBot. Ges., **54,** 1904, (94–95).

Sarcophaga. **Kramer,** H. Zs. Hymenopter., Teschendorf, **4,** 1904, (347–349).

Schoenomyza nn. spp. **Stein,** P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (493–495).

Spilogaster nn. spp. Java. **Stein,** P. 's Gravenhage, Tijdschr, Ent., **47,** 1904, (90–105); *S.* Mcq., synopt. Übersicht der amerikanischen Arten; *S. spiloptera* Wied. ♀, *S.* (*Clinopera*) *pterostyma* ♀ Wulp, *S. poeciloptera* ♀ Schin., *S. monacha* Schin., *S. maculipennis* Wlk ♂ ♀, *S. arenata* Wied. ♂, *S. adelpha* Schin., ♂ ♀, Beschreibung; *S. obscuripes* Zeit, *S. lucorum,* Fall, *S. anceps* Zeit, faunistisch, nn. spp. **Stein,** P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (430–449).

Trichopticus spiniger ♂ ♀ n. sp. **Stein,** P. *l.c.* (428–429).

OESTRIDAE.

Cephenomyia rufibarbis and *Hypoderma diana,* habits. **Yerbury,** J. W. London, Trans. Ent. Soc., **1904,** (LXVIII).

Cuterebra grisea n. sp. Canada. **Coquillett,** D. W. Canad. Ent., Toronto, **36,** 1904, (11–12).

Dermatobia hominis, development. **Ward,** H. B. Mark Anniversary Volume, New York, N.Y., 1903, [483]–513, with 2 pls.).

Rhinoestrus hippopotami n. sp. **Grünberg,** K. *In:* F. Bauer, Die deutsche Niger-Benuë-Tsadsee-Expedition. Berlin, 1904, (170–174).

PUPIPARA.

HIPPOBOSCIDAE.

General.

Speiser, P. Typenuntersuchungen an Hippobosciden. Zs. Hymenopter., Teschendorf, **4,** 1904, (82–89).

SPECIAL.

Lipoptena chalcomelaena n. sp. **Speiser,** P. Zs. Hymenopter., Teschendorf, **4,** 1904, (178).

Lynchia brunnea Oliv, systematisch. **Speiser,** P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (388–389).

Olfersia macleayi Leach., systematisch; 2 nn. sp. **Speiser,** P. *l.c.* (386–390).

Ornitheza odontoscelis n. sp. **Speiser,** P. *l.c.* (392–393); *O. pallipes* n. sp. **Speiser,** P. Zs. Hymenopter., Teschendorf, **4,** 1904, (177).

Ornithomyia chilensis n. sp. Chili. **Reed,** E. C. Rev. chilena, Valparaiso, **8,** 1904, (152–153); *O. perfuga* Speiser, faunistisch. **Speiser,** P. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (391).

Ornithopertha anthracina n. sp. **Speiser,** P. *l.c.* (393).

Ortholfersia macleayi (Leach), Beschreibung. **Speiser,** P. *l.c.* (390–391).

Stilbometopa podopostyla n. sp. **Speiser,** P. *l.c.* (394–395).

NYCTERIBIIDAE.

Basilia n. gen., *B. ferruginea* n. sp. **Miranda-Ribeiro,** A. de. Arch. Mus., Rio de Janeiro, **12,** 1903, (175–179).

Nycteribia pteropus n. sp. **Rainbow,** W. J. Sydney, N.S.W., Rec. Austr. Mus., **5,** 1904, (78, 79, with 1 pl.).

LIST OF NEW GENERA AND SPECIES.

ACARTERUS [Empidae].
——— *pallipes.* Bezzi. 14.

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——— *leucopygos.* Eysell. 38.

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——— *johnsoni.* Back. 8.

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——— *costalis* var. *melas* n. var. Theobald. 155.
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Antistasea n. gen. [Muscidae Calyptratae]. Bischof. 17.
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——— *mellina.* Stein. 149.
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——— *praesuturalis.* Stein. 149.
——— *pulvillata.* Stein. 149.
——— *venicurva.* Stein. 149.

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——— *ferruginea.* Miranda Ribeiro. 107.

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——— *varia.* Coquillett. 31A.

BOLETINA [Mycetophilidae].
——— *abdominalis.* Adams. 1.
——— *inops.* Coquillett. 32.

BOSTRICHOPYGA [Muscidae Acalyptratae].
——— *borealis.* Hendel. 59.

BRADYSIA [Mycetophilidae].
——— *agilis*†. Meunier. 101.
——— *curiosa*†. Meunier. 101.
——— *electra*†. Meunier. 101.
——— *infernalis*†. Meunier. 101.
——— *morosoïdes*†. Meunier. 101.
——— *umbrosa*†. Meunier. 101.

Bryocrypta† n. gen. [Cecidomyidae]. Meunier. 101.
——— *capitosa*†. Meunier. 101.
——— *elegantula*†. Meunier. 101.
——— *fagioides*†. Meunier. 101.
——— *girafa*†. Meunier. 101.
——— *vetusta*†. Meunier. 101.

CALLICERA [Syrphidae].
——— *yerburyi.* Verrall. 160, 161.

CALLIPHORA [Muscidae Calyptratae].
——— *cockaynei.* Hutton. 71.

CAMPTOMYIA [Cecidomyidae].
——— *sinuosa*†. Meunier. 101.

CAMPYLOMYZA [Cecidomyidae].
——— *crassitarsis*†. Meunier. 101.

Catageiomyia n. gen. [Culicidae]. Theobald. 156.
——— *senegalensis*. Theobald. 156.

CECIDOMYIA [Cecidomyidae].
——— *perocculta*. Cockerell. 26.

Cerato† n. gen. [Mycetophilidae]. Meunier. 101.
——— *longipalpis*†. Meunier. 101.

CERATOPOGON [Chironomidae].
——— *arcticus*. Coquillett. 32.
——— *cilipes*. Coquillett. 32.
——— *dimidiatus*. Adams. 1.
——— *hirtulus*. Coquillett. 32.

Ceraturgopsis n. gen. [Asilidae]. Johnson. 73.

CERIA [Syrphidae].
——— *trinotata*. Meijere. 106.

CEROPLATUS [Mycetophilidae].
——— *apicalis*. Adams. 1.

CHASMATONOTUS [Chironomidae].
——— *univittatus*. Coquillett. 32.

CHERSODROMIA [Empidae].
——— *lutescens*. Bezzi. 14.

CHILOSIA [Syrphidae].
——— *borealis*. Coquillett. 32.

CHIROSIA [Muscidae Calyptratae].
——— *glauca*. Coquillett. 32.

CHLOROPS [Muscidae Acalyptratae].
——— *albifascies*. Adams. 1.
——— *appropinqua*. Adams. 1.
——— *bilineata*. Adams. 1.
——— *cinerapennis*. Adams. 1.
——— *halteralis*. Adams. 1.
——— *liturata*. Adams. 1.
——— *palpalis*. Adams. 1.
——— *parva*. Adams. 1.
——— *recurva*. Adams. 1.
——— *rubicunda*. Adams. 1.

CHRYSONOTUS [Stratiomyidae].
——— *albipes*. Adams. 1.

CHRYSOPILA [Leptidae].
——— *bella*. Adams. 2.
——— *flavibarbis*. Adams. 2.
——— *lucifera*. Adams. 2.
——— *simplex*. Meijere. 106.

CHRYSOPS [Tabanidae].
——— *brimleyi*. Hine. 60.
——— *fulvistigma*. Hine. 60.
——— *lupus*. Whitney. 170.
——— *pikei*. Whitney. 170.

CLINOCERA [Empidae].
——— *microstigma*. Bezzi. 13.

Clytocerus n. gen. [Psychodidae]. Eaton. 37.

COENOSIA [Muscidae Calyptratae].
——— *compressa*. Stein. 149.
——— *declivis*. Stein. 149.
——— *genupuncta*. Stein. 149.
——— *lineata*. Stein. 149.
——— *nigrohalterata*. Stein. 149.
——— *pilosa*. Stein. 149.
——— *recedens*. Stein. 149.
——— *tumidiventris*. Stein. 150.
——— *vittifera*. Stein. 149.

COLOBONEURA [Empidae].
——— *argyropalpa*. Bezzi. 14.

COLPODIA [Cecidomyidae].
——— *brevicornis*†. Meunier. 101.
——— *curvinervis*†. Meunier. 101.
——— *xylophaga*†. Meunier. 101.

CONCHYLIASTES [Culicidae].
——— *varipes*. Coquillett. 31A.

CONOPS [Conopidae].
——— *bellus*. Adams. 1.
——— *fumipennis*. Adams. 1.
——— *semifumosus*. Adams. 1.

CORETHRA [Culicidae].
——— *ceratopogones*. Theobald. 155.
——— *indica*. Giles. 46.
——— *karnerensis*. Felt. 39.
——— *lintneri*. Felt. 39.

CORYNOPTERA [Mycetophilidae].
——— *dubia*†. Meunier. 101.

CRIORHINA [Syrphidae].
——— *tricolor*. Coquillett. 32.

CULEX [Culicidae].
——— *abfitchii*. Felt. 39.
——— *aberratus*. Felt and Young. 40.
——— *absobrinus*. Felt. 39.
——— *affinis*. Adams. 1, 142.
——— *anarmostus*. Theobald. 155.
——— *annulioris* var. *gambiensis* n. var. Theobald. 155.
——— *apicalis*. Adams. 1, 142.
——— *cinereoborealis*. Felt and Young. 40.
——— *dupreei*. Coquillett. 31A.
——— *euclastus*. Theobald. 155.
——— *fitchii*. Felt and Young. 40.
——— *lazarensis*. Felt and Young. 40.
——— *luteolateralis* var. *pallida* n. var. Theobald. 156.
——— ——— var. *albothorax* n. var. Theobald. 156.

Culex [Culicidae].
——— *magnipennis*. Felt. 39.
——— *onondagensis*. Felt. 39.
——— *particeps*. Adams. 1, 142.
——— *pens* n. nom. Speiser. 147.
——— *siphonalis*. Grossbeck. 56.
——— *taeniorhynchoides*. Giles. 49.
——— *thalassius*. Theobald. 155.

Culicada n. gen. [Culicidae]. Felt. 39.

Culicella n. gen. [Culicidae]. Felt. 39.

Culicelsa n. gen. [Culicidae]. Felt. 39.

Culiseta n. gen. [Culicidae]. Felt. 39.

Cuterebra [Oestridae].
——— *grisea*. Coquillett. 31A.

Cylindrotoma [Tipulidae].
——— *juncta*. Coquillett. 32.

Danielsia n. gen. [Culicidae]. Theobald. 157
——— *albotaeniata*. Leicester. 157.

Dasyllis [Asilidae].
——— *cinerea*. Back. 8.
——— *fernaldi*. Back. 8.

Desvoidea [Culicidae].
——— *fusca* var. *joloensis* n. var. Ludlow. 96.

Dewetia n. gen. [Muscidae Calyptratae]. Bischof. 17.
——— *atra*. Bischof. 17.

Diadocidia [Mycetophilidae].
——— *borealis*. Coquillett. 32.

Dichelacera [Tabanidae].
——— *grandis*. Ricardo. 119.

Dicranomyia [Tipulidae].
——— *kobusi*. Meijere. 106.

Dicroneurus [Cecidomyidae].
——— *elegantulus*†. Meunier. 101.
——— *magnificus*†. Meunier. 101.

Diopsis [Muscidae Acalyptratae].
——— *affinis*. Adams. 1.
——— *pollinosus*. Adams. 1.

Diplosis [Cecidomyidae].
——— *coloradella*. Cockerell. 26.

Dizonias [Asilidae].
——— *pilatei*. Johnson. 73.

Dolichopus [Dolichopidae].
——— *barycnemus*. Coquillett. 32.
——— *laticola*. Verrall. 160.
——— *varipes*. Coquillett. 32.

Drapetis [Empidae].
——— *bihamata*. Bezzi. 14.
——— *callosotibia*. Bezzi. 14.
——— *ciliatocosta*. Bezzi. 14.

Drapetis [Empidae].
——— *discoidalis*. Bezzi. 14.
——— *divergens*. Bezzi. 14.
——— *gracilis*. Bezzi. 14.
——— *obscuripennis*. Bezzi. 14.
——— *rubrithorax*. Bezzi. 14.
——— *xanthopyga*. Bezzi. 14.

Drosomyia [Muscidae Acalyptratae].
——— *picta*. Meijere. 106.

Ecculex n. gen. [Culicidae]. Felt. 39.

Elachiptera [Muscidae Acalyptratae].
——— *bilineata*. Adams. 2.

Elaphropeza [Empidae].
——— *basalis*. Bezzi. 14.
——— *bicolor*. Bezzi. 14.
——— *metatarsata*. Bezzi. 14.
——— *spuria*. Bezzi. 14.

Empheremyia n. gen. [Muscidae Calyptratae.] Bischof. 17.
——— *atra*. Bischof. 17.

Empis [Empidae].
——— *brachysoma*. Coquillett. 32
——— *ceylonica*. Bezzi. 14.
——— *clauda*. Coquillett. 32.
——— *conjuncta*. Coquillett. 32.
——— *cyanescens*. Bezzi. 14.
——— *fumida*. Coquillett. 32.
——— *hilaraeformis*. Bezzi. 14.
——— *infumata*. Coquillett. 32.
——— *pellucida*. Coquillett. 32.
——— *papuana*. Bezzi. 14.
——— *triangula*. Coquillett. 32.

Epalpus [Muscidae Calyptratae].
——— *bolivianus* Bischof. 17.
——— *brunneipennis*. Bischof. 17.
——— *callanganus* Bischof. 17.
——— *flavoscutellatus*. Bischof. 17.
——— *fuscanipennis*. Bischof. 17.
——— *lindigii*. Bischof. 17.
——— *nattereri*. Bischof. 17.
——— *semiater*. Bischof. 17.
——— *semiflavus*. Bischof. 17.

Epidosis [Cecidomyidae].
——— *gibbosa*†. Meunier. 101.
——— *minuta*†. Meunier. 101.
——— *noduliformis*†. Meunier. 101.
——— *titania*†. Meunier. 101.

Eriocera [Tipulidae].
——— *nigripennis*. Meijere. 106.

Euidmeta [Stratiomyidae].
——— *brunnea*. Meijere. 106.

EUPARYPHUS [Stratiomyidae].
——— *albipilosus*. Adams. 1, 142.
——— *limbrocutris*. Adams. 1.
——— *mutabilis*. Adams. 1.
——— *obliquus*. Hine. 61.
——— *septem-maculatus*. Adams. 1.

FINLAYIA [Culicidae].
——— *albipes*. Giles. 49.
——— *flavipennis*. Giles. 49.
——— *melanoptera*. Giles. 49.

FRIRENIA [Cecidomyidae].
——— *eocenica*†. Meunier. 101.

Galopagomyia n. nom. [Muscidae Calyptratae]. Bischof. 17.
——— *rufomaculata* n. nom. Bischof. 17.

GLOMA [Empidae].
——— *scopifera*. Coquillett. 32.

GRABHAMIA [Culicidae].
——— *deniedmannii*. Ludlow 96.

HAEMATOBIA [Muscidae Calyptratae].
——— *exigua*. Meijere. 106.

HALSANALOTES [Empidae].
——— *setifrons*. Bezzi. 14.

Heeriella† n. gen. [Mycetophilidae]. Meunier. 101.
——— *bifurcata*†. Meunier. 101.

HELOPHILUS [Syrphidae].
——— *caudatus*. Meijere. 106.

HERMETIA [Stratiomyidae].
——— *fenestrata*. Meijere. 106.
——— *laeta*. Meijere. 106.

HETEROPEZA [Cecidomyidae].
——— *pulchella*†. Meunier. 101.

HILARA [Empidae].
——— *aurata*. Coquillett. 32.

HIPPELATES [Muscidae Acalyptratae].
——— *bilineatus*. Meijere. 106.
——— *splendens*. Adams. 2.

HOMALOMYIA [Muscidae Calyptratae].
——— *flaricincta*. Stein. 149.
——— *flavivaria*. Coquillett. 32.
——— *hirtifemur*. Stein. 149.

HOWARDINA [Culicidae].
——— *himalayana*. Giles. 50.

Hulecoeteomyia n. gen. [Culicidae]. Theobald. 157.
——— *trilineata*. Leicester. 157.

HYBOS [Empidae].
——— *bisetosus*. Bezzi. 14.
——— *brachystigma*. Bezzi. 14.
——— *pollinosus* Bezzi. 14.

HYDROPHORIA [Muscidae Calyptratae].
——— *dexiaria*. Stein. 149.

HYDROTAEA [Muscidae Calyptratae].
——— *villosa*. Stein. 149.

HYETODESIA [Muscidae Calyptratae].
——— *varipes*. Coquillett. 32.
——— *villicrura*. Coquillett. 32.

HYLEMYIA [Muscidae Calyptratae].
——— *coenosiaeformis*. Stein. 149.
——— *simpla*. Coquillett. 32.
——— *spinilamellata*. Stein. 149.
——— *spiniventris*. Coquillett. 32.

ICTERICA [Muscidae Acalyptratae].
——— *fasciata*. Adams. 2.

Lasiocoenops n. gen. [Culicidae]. Theobald. 155.
——— *poicilipes*. Theobald. 155.

LASIOPS [Muscidae Calyptratae].
——— *calvicrura*. Coquillett. 32.

Ledomyiella n. gen. [Cecidomyidae]. Meunier. 101.
——— *crassipes*†. Meunier. 101.
——— *eocenica*†. Meunier. 101.
——— *pygmaea*†. Meunier. 101.
——— *rotundata*†. Meunier. 101.
——— *succini*†. Meunier. 101.

Leicesteria n. gen. [Culicidae]. Theobald. 157.
——— *longipalpis*. Leicester. 157.

LEPTIS [Leptidae].
——— *palpalis*. Adams. 2.
——— *pleuralis*. Adams. 2.

LEPTOPEZA [Empidae].
——— *bimaculata*. Bezzi. 14.
——— *pulcherrima*. Bezzi. 14.
——— *tachydromiaeformis*. Bezzi. 14.

LESTREMIA [Cecidomyidae].
——— *pinites*†. Meunier. 101.

LIMNIA [Muscidae Acalyptratae].
——— *castanea*. Hutton. 70.
——— *striata*. Hutton. 70.

LIMNOPHORA [Muscidae Calyptratae].
——— *aterrima*. Stein. 149.
——— *atra*. Stein. 149.
——— *atrisquama*. Stein. 149.
——— *atrovittata*. Stein. 149.
——— *compressifrons*. Stein. 149.
——— *marginata*. Stein. 149.
——— *nigripennis*. Stein. 150.
——— *pauciseta*. Stein. 149.
——— *prominens*. Stein. 150.

LIMOSINA [Muscidae Acalyptratae].
——— *atra*. Snow. 141.
——— *exigua*. Adams. 2.
——— *occidentalis*. Adams. 2.
——— *setigera*. Snow. 141.
——— *sordipes*. Adams. 1.

LIPOPTENA [Hippoboscidae].
——— *chalcomelaena*. Speiser. 145.

LISPA [Muscidae Calyptratae].
——— *bohemica*. Becker. 11.
——— *brunnicosa*. Becker. 11.
——— *cinifera*. Becker. 11.
——— *cochlearia*. Becker. 11.
——— *comitata*. Becker. 11.
——— *flavinervis*. Becker. 11.
——— *odessae*. Becker. 11.
——— *persica*. Becker. 11.
——— *sericipalpis*. Stein. 150.
——— *seticincta*. Becker. 11.

Logima n. gen. [Psychodidae]. Eaton. 37.

Lophoscelomyia n. gen. [Culicidae]. Theobald. 157.
——— *asiatica*. Leicester. 157.

MACROCERA [Mycetophilidae].
——— *diluta*. Adams. 1.

MEGARHINUS [Culicidae].
——— *lewaldii*. Ludlow. 96.

METRIOCNEMUS [Chironomidae].
——— *knabi*. Coquillett. 31A.

MICRODON [Syrphidae].
——— *lanceolatum*. Snow. 141.
——— *metallicus*. Meijere. 106.

MICROPHORUS [Empidae].
——— *atratus*. Coquillett. 32.
——— *crocatus*. Coquillett. 32.
——— *flavipilosus*. Coquillett. 32.

MILESIA [Syrphidae].
——— *semifulva*. Meijere. 106.

MIMOMYIA [Culicidae].
——— *chamberlaini*. Ludlow. 96.

MONARDIA [Cecidomyidae].
——— *submonilifera*†. Meunier. 101.

MUSCA [Muscidae Calyptratae].
——— *modesta*. Meijere. 106.

MYCETOBIA [Mycetophilidae].
——— *marginalis*. Adams. 1.

MYDAS [Mydaidae].
——— *abdominalis*. Adams. 2.

MYOPA [Conopidae].
——— *tectura*. Adams. 1.

MYOPINA [Muscidae Calyptratae].
——— *appendiculata*. Stein. 149.

MYRMEMORPHA [Muscidae Acalyptratae].
——— *rufescens*. Meijere. 106.

MYZOMYIA [Culicidae].
——— *thorntonii*. Ludlow. 95.

NAUSIGASTER [Syrphidae].
——— *scutellaris*. Adams. 2.

NEMOTELUS [Stratiomyidae].
——— *abdominalis*. Snow. 141.
——— *arator*. Melander. 99.
——— *bellulus*. Melander. 99.
——— *bruesii*. Melander. 99.
——— *kansensis*. Adams. 1.
——— *trinotatus*. Melander. 99.
——— *wheeleri*. Melander. 99.

NEOEMPHERIA [Mycetophilidae].
——— *kincaidi*. Coquillett. 32.

NEOGLAPHYROPTERA [Mycetophilidae].
——— *cuneola*. Adams. 1.
——— *lineola*. Adams. 1.

NYCTERIBIA [Nycteribiidae].
——— *pteropus*. Rainbow. 116.

OCCEMYIA [Conopidae].
——— *simillima*. Meijere. 106.

OEDOPAREA [Muscidae Acalyptratae].
——— *glauca*. Coquillett. 32.

OLFERSIA [Hippoboscidae].
——— *acromialis*. Speiser. 143.
——— *diozyrhina*. Speiser. 143.

ONCOMYIA [Conopidae].
——— *propinqua*. Adams. 1.

ORNITHEZA [Hippoboscidae].
——— *odontoscelis*. Speiser. 143.
——— *pallipes*. Speiser. 145.

Ornithodes n. gen. [Tipulidae]. Coquillett. 32.
——— *harrimani*. Coquillett. 32.

ORNITHOMYIA [Hippoboscidae].
——— *chilensis*. Reed. 117.

ORNITHOPERTHA [Hippoboscidae].
——— *anthracina*. Speiser. 143.

Orthopodomyia n. gen. [Culicidae]. Theobald. 157.
——— *albipes*. Leicester. 157.

OSPRIOCERUS [Asilidae].
——— *albifasciatus*. Back. 8.

PACHYCERINA [Muscidae Acalyptratae].
——— *dolorosa*. Adams. 1.

PACHYRRHINA [Tipulidae].
——— *dimidiata*. Meijere. 106.
——— *dorsalis*. Meijere. 106.
——— *fallax*. Meijere. 106.
——— *scurroides*. Meijere. 106.

PALAEOASCIA [Syrphidae].
——— *uniappendiculata*†. Meunier. 102.

Palaeocolpodia† n. gen. [Cecidomyidae]. Meunier. 101.
——— *eocenica*†. Meunier. 101.

Palaeognoriste† n. gen. [Mycetophilidae]. Meunier. 101.
——— *sciariforme*†. Meunier. 101.

Palaeoheterotricha† n. gen. [Mycetophilidae]. Meunier. 101.
——— *grandis*†. Meunier. 101.

PALAEOSPHEGINA [Syrphidae].
——— *elegantula*†. Meunier. 102.

Parachetolyga n. gen. [Muscidae Calyptratae]. Bischof. 17.
——— *metopia*. Bischof. 17.

PARAPHYTO [Muscidae Calyptratae].
——— *borealis*. Coquillett. 32.

PEDITIA [Tipulidae].
——— *magnifica*. Hine. 62.

PELETOPHILA [Muscidae Acalyptratae].
——— *minima*. Becker. 10.
——— *quadrinotata*. Becker. 10.

Philosepedon n. gen. [Psychodidae]. Eaton. 37.

PHORBIA [Muscidae Calyptratae].
——— *biciliata*. Coquillett. 32.

PHOROCERA [Muscidae Calyptratae].
——— *casta*. Hutton. 69.
——— *exiliosa*. Hutton. 69.
——— *fulvipes*. Hutton. 69.
——— *inconspicua*. Hutton. 69.
——— *tecta*. Hutton. 69.

PHTHIRIA [Bombyliidae].
——— *aldrichi*. Johnson. 74.
——— *cyanoceps*. Johnson. 74.
——— *quinquenotata*. Johnson. 74.

PIPUNCULUS [Pipunculidae].
——— *fuscitarsis*. Adams. 1.
——— *nigricornis*. Adams. 1.

PLATYCHIRUS [Syrphidae].
——— *aeratus*. Coquillett. 32.
——— *tenebrosus*. Coquillett. 32.

PLATYPALPUS [Empidae].
——— *diversipes*. Coquillett. 32.
——— *gilvipes*. Coquillett. 32.

PLECIA [Bibionidae].
——— *borussica*†. Meunier. 103.
——— *lugubris*. Meijere. 106.

POGONOTA [Muscidae Acalyptratae].
——— *kincaidi*. Coquillett. 32.

Polychnomyia n. gen. [Muscidae Calyptratae]. Bischof. 17.
——— *flavohalterata*. Bischof. 17.

Protoculex n. gen. [Culicidae]. Felt. 39.

PSELLIOPHORA [Tipulidae].
——— *insignis*. Meijere. 106.
——— *nigrithorax*. Meijere. 106.
——— *stigmatica*. Meijere. 106.

Pseudeurina n. gen. [Muscidae Acalyptratae]. Meijere. 106.
——— *maculata*. Meijere. 106.

PSEUDOFORMIA [Muscidae Calyptratae].
——— *pauper*. Meijere. 105.

PSILOCEPHALA [Therevidae].
——— *acuta*. Adams. 141.
——— *lateralis*. Adams. 2.
——— *occipitalis*. Adams. 2.

PTECTICUS [Stratiomyidae].
——— *tricolor*. Meijere. 106.

Ptilogonia n. gen. [Muscidae Calyptratae]. Bischof. 17.
——— *neotropica*. Bischof. 17.

Ptilophyllodromia n. gen. [Empidae]. Bezzi. 14.
——— *birói*. Bezzi. 14.

Rhabdochaeta n. gen. [Muscidae Acalyptratae]. Meijere. 106.
——— *pulchella*. Meijere. 106.

RHABDOPHAGA [Cecidomyidae].
——— *porterae*. Cockerell. 26.

RHAMPHOMYIA [Empidae].
——— *adversa*. Coquillett. 32.
——— *albopilosa*. Coquillett. 32.
——— *anfractuosa*. Bezzi. 13.
——— *anthracodes*. Coquillett. 32.
——— *atrata*. Coquillett. 32.
——— *barypoda*. Coquillett. 32.
——— *chinoptera*. Bezzi. 13.
——— *cinefacta*. Coquillett. 32.
——— *cineracea*. Coquillett. 32.
——— *disparilis*. Coquillett. 32.
——— *glauca*. Coquillett. 32.
——— *limata*. Coquillett. 32.
——— *macrura*. Coquillett. 32.
——— *nubigena*. Bezzi. 13.
——— *pokornyi*. Bezzi. 13.
——— *villipes*. Coquillett. 32.

RHINGIA [Syrphidae].
——— *cincta*. Meijere. 106.

RHINOESTRUS [Oestridae].
——— *hippopotami*. Grünberg. 57A.

RHIPIDIA [Rhyphidae].
——— *pulchra*. Meijere. 106.

RHYPHOLOPHUS [Tipulidae].
——— *flavcolus*. Coquillett. 32.
RHYPHUS [Rhyphidae].
——— *splendidus*†. Meunier. 103.
——— *thirinus*†. Meunier. 103.
ROSAPHA [Stratiomyidae].
——— *bimaculata*. Meijere. 106.
RUNCHOMYIA [Culicidae].
——— *philippinensis*. Giles. 49.
SAPROMYZA [Muscidae Acalyptratae].
——— *compsella*. Hendel. 59.
——— *obscura*. Meijere. 106.
SAROPOGON [Asilidae].
——— *abbreviatus*. Johnson. 73.
——— *bicolor*. Johnson. 73.
SAYOMYIA [Culicidae].
——— *hudsoni*. Felt. 39.
——— *rotundifolia*. Felt 39.
SCATELLA [Muscidae Acalyptratae].
——— *fallax*. Czerny. 33.
——— *setosa*. Coquillett. 32.
SCATOPHAGA [Muscidae Acalyptratae].
——— *frigida*. Coquillett. 32.
SCATOPSE [Bibionidae].
——— *crassicornis*†. Meunier. 103.
——— *fasciola*†. Meunier. 103.
——— *grassaris*†. Meunier. 103.
——— *subsimilis*†. Meunier. 103.
SCENOPINUS [Scenopinidae].
——— *electa*. Adams. 2.
——— *mirabilis*. Adams. 2.
SCHOENOMYZA [Muscidae Calyptratae].
——— *guttipennis*. Stein. 149.
——— *spinicosta*. Stein. 149.
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——— *difficilis*†. Meunier. 101.
——— *eocenica*†. Meunier. 101.
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——— *orientalis*†. Meunier. 101.
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——— *preciosa*†. Meunier. 101.
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4403-4431 LEPIDOPTERA.

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The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will indentify the paper with one in the list of titles.

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Caligo, Mitteilungen über die Gattung. **Fruhstorfer,** H. D. ent. Zs. Iris, Berlin, **16,** (1903), 1904, (313–320); *C. eurylochus*: *pallidus* n. subsp. **Fruhstorfer,** H. Insektenbörse, Leipzig, **21,** 1904, (125); *C. eurylochus* var. *minor* n. var. **Kaye,** W. J. London, Trans. Ent. Soc., **1904,** (165); *C. fruhstorferi* n. sp. **Stichel,** H. Insektenbörse, Leipzig, **21,** 1904, (21); *C. memnon*: *pelcus* n. subsp. Venezuela. **Stichel,** H. *In*: Wytsman's Genera Insectorum, fasc. **20,** 1904, (37); *C. saltus* n. sp. **Kaye,** W. J. London, Trans. Ent. Soc., **1904,** (165).

Catagramma audofleda n. sp. Südamerika. **Thieme,** O. Berliner ent. Zs., **49,** 1904, (159–161, mit 1 Taf.).

Catoblepia xanthicles: *belisar* n. subsp. **Stichel,** H. Ecuador. *In*: Wytsman's Genera Insectorum, fasc. **20,** 1904, (26).

Charaxes eudoxus mechowi ♂. **Neave,** S. A. Nov. Zool., Tring, **11,** 1904, (334); *C. harrisoni* n. sp. Equatorial Africa. **Sharpe,** E. M. Entomologist, London, **1904,** (133); *C. jasius* var. *buchmeljevi* n. var., *C. jasius* ab. *hageni* n. ab. **Fischer,** E. Ent. Zs., Guben, **17,** 1904, (88–90, 92–93); *C. polyxena*: *enganicus* n. subsp. Engano. **Fruhstorfer,** H. Berliner ent. Zs., **49,** 1904, (194); Stettiner ent. Ztg, **65,** 1904, (341–344).

Chlorippe godmani n. sp. Venezuela. **Dannatt**, W. Entomologist, London, **1904**, (173, pl. VII, fig. 1).

Coenonympha mathewi n. sp. **Tutt**, J. W. Ent. Rec., London, **16**, 1904, (308); *C. pamphilus* L. abb. *biocellata* et *caeca* nn. abb. **Strand**, E. Nyt Mag. Naturv., Kristiania, **42**, 1904, (131–132).

Cupha erymanthis: *dohertyi* n. subsp. Engano. **Fruhstorfer**, H. Berliner ent. Zs., **49**, 1904, (191); Stettiner ent. Ztg, **65**, 1904, (343).

Cyrestis giloloensis n. sp. Gilolo. **Lathy**, P. J. Entomologist, London, **1904**, (71).

Didonis laticlava n. sp. Südamerika. **Thieme**, O. Berliner ent. Zs., **49**, 1904, (159–161, mit 1 Taf.).

Diestogyna hobleyi n. sp. Victoria Nyanza. **Neave**, S. A. Nov. Zool., Tring, **11**, 1904, (334); *D. intermixta* n. sp. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **25**, 1904, (96); *C. iris* n. sp. Congo. **Aurivillius**, C. Ark. Zool., Stockholm, **1**, 1–2, 1903, (250–251).

Elymnias nn. subspp. Papua. **Fruhstorfer**, H. D. ent. Zs. Iris, Berlin, **16**, (1903), 1904, (321–323); *E. esaca*, subspecies, synonymy. **Shelford**, R. W. C. and **Bingham**, C. T. London, Trans. Ent. Soc., **1904**, (487–489).

Epinephele., aberrations of Tuscan. **Verity**, R. Entomologist, London, **1904**, (56); *E. jurtina* L. in Sophia, Veränderlichkeit der Anzahl der Augen. **Bachmetjew**, P. Allg. Zs. Ent., Neudamm, **9**, 1904, (143–147); *E. jurtina* in Sofia, Flügellänge. **Bachmetjev**, P. Insektenbörse, Leipzig, **21**, 1904, (13); *E. jurtina* L., Parthenogenese der männlichen Exemplare. **Bachmetjev**, P. St. Peterburg, Hor. Soc, Ent. Ross., **37**, 1904, (1–16); *E. tithonus* varr., var. *albida* n. var. **Russell**, G. M. Entomologist, London, **1904**, (125–127).

Erebia evias and *stygne*, varr. from Guadarrama, *E. penalarae* n. var. **Chapman**, T. A. London, Trans. Ent. Soc., **1904**, (Proc. XLVI–XLVIII); *E. glacialis* Esper. (Lep.), Beitrag zur Biologie. **Krodel**, E. Allg. Zs. Ent., Neudamm, **9**, 1904, (442–447); *E. medusa* Ei. **Gillmer**, M. Insektenbörse, Leipzig, **21**, 1904, (212–213); *E. medusa* die junge Raupe. **Gillmer**, M. Ent. Zs., Guben, **18**, 1904, (98); *E. neoridas* varr. *albovittata etrusca* nn. varr. **Verity**, R. Entomologist, London, **1904**, (55, pl. IV, figs. 6, 7); *E. palarica* n. sp. N. Spain. **Chapman**, T. A. London, Trans. Ent. Soc., **1904**, (Proc. LXXXVII); *E. stygne* and *epistygne*, note. **Nicholl**, M. de la B. Ent. Rec., London, **16**, 1904, (18).

Eryphanis polyxena: *novicia* n. subsp. Ecuador. **Stichel**, H. *In*: Wytsman's Genera Insectorum, fasc. **20**, 1904, (32).

Eulepis pyrrhus: *romanus* n. subsp. **Fruhstorfer**, H. Insektenbörse, Leipzig, **21**, 1904, (172).

Euphaedra paradoxa n. sp. Victoria Nyanza. **Neave**, S. A. Nov. Zool., Tring, **11**, 1904, (333); *E. paradoxa* ♂ **Sharpe**, E. M. Entomologist, London, **1904**, (132); *E. raltrayi* n. sp. Toro. **Sharpe**, E. M. *l.c.* (183).

Euploea, Bugong error. **Dixey**, F. A. London, Trans. Ent. Soc., **1904**, (IX–XIII); *E.* n. subsp. Malay. Arch. **Fruhstorfer**, H. Insektenbörse, Leipzig, **21**, 1904, (309); *E. amymome* and *godarti* are one species. **Poulton**, E. B. London, Trans. Proc. Ent. Soc., **1904**, (Proc. LXXXVI); *E.* (*Stictoploea*) *dufresnei*: *nica* n subsp. Engano. **Fruhstorfer**, H. Berliner ent. Zs., **49**, 1904, (180–181); *E.* (*Menama*) *moorei*: *thiemei* n. subsp. Malay. **Fruhstorfer**, H. *l.c.* (166–167, mit 2 Taf.); *E. phaenareta* nn. subspp. **Fruhstorfer**, H. D. ent. Zs. Iris, Berlin, **16**, (1903), 1904, (303–305).

Euptera dorothea n. sp. Sierra Leone. **Bethune-Baker**, G. T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (223).

Euryphene fulgurata n. sp. Congogebiet. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **25**, 1904, (95–96).

Euthalia adona: *pura* n. subsp. Malay. Arch. **Fruhstorfer**, H. Insektenbörse, Leipzig, **21**, 1904, (309); *E. grabczewskii* n. sp. **Püngeler**, R. D. ent. Zs. Iris, Berlin, **16**, (1903), 1904, (286–301); *E. lubentina* nn. subspp. **Fruhstorfer**, H. Stettiner ent. Ztg, **65**, 1904, (348–353).

Euvanessa antiopa. **Rivers**, J. J. Los Angeles, Bull. So. Cal. Acad. Sci., **2**, 1903, (102).

Haematera pyramus var. *rubra* n. var. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (173, pl. XVIII, fig. 7).

Harma marmorata n. sp. Toro. **Sharpe**, E. M. Entomologist, London, **1904**, (183).

Henotesia centralis n. sp. **Aurivillius**, C. Ark. Zool., Stockholm, **1**, 1–2, 1903, (246–247).

Heteronympha merope Fabr. *H. philerope* Boisd., notes on colour variation. **Kershaw**, J. A. Vict. Nat., Melbourne, **20**, 1904, (173–175); *H. solandri* n. sp. New South Wales, Victoria. **Waterhouse**, G. A. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (466).

Heterosais ocalea, egg and larva. **Guppy**, J. London, Trans. Ent. Soc., **1904**, (225).

Hypolimnas bolina, variations. **Waterhouse**, G. A. *l.c.* (493); *H. bolina: enganica* n. subsp. Engano. **Fruhstorfer**, H. Berliner ent. Zs., **49**, 1904, (193); *H. misippus*, bred varieties. **Leigh**, G. F. London, Trans. Ent. Soc., **1904**, (689–690, pl. XXXII).

Junonia nn. subspp. **Fruhstorfer**, H. Insektenbörse, Leipzig, **21**, 1904, (325).

Kallima rattrayi n. sp. Toro. **Sharpe**, E. M. Entomologist, London, **1904**, (182).

Leucothyris phenomoe: *burchelli* n. subsp. **Sanders**, C. B. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904 (315, pl. VI, figs. 1, 2).

Limenitis, deutsche spp., Baukünste der Raupen. **Bauer**, V. Biol. Centralbl., Leipzig, **23**, 1903, (515–519); *L. populi* ab. *radiata* n. ab. **Schultz**, O. Ent. Zs., Guben, **17**, 1903, (61–63).

Lycorea cerea, ovum and larva. **Guppy**, J. London, Trans. Ent. Soc., **1904**, (225).

Lymanopoda nn. spp. **Thieme**, O. Berliner ent. Zs., **49**, 1904, (161–163).

Maniola gorge, Puppe. **Stierlin**, R. Ent. Zs., Guben, **17**, 1904, (78).

Melanargia, Arten Ungarns. **Aigner-Abafi**, L. (Ungarisch) Rovart. L., Budapest, **11**, 1904, (1–4).

Melanitis ansorgei n. sp. Aruwimi forest. **Rothschild**, *Hon.* W. Nov. Zool., Tring, **11**, 1904, (451).

Melitaea dictynna n. ab. **Ebert**, [H.]. Kassel, Abh. Ver. Natk., **47**, 1902, (129–130, mit 1 Taf.); *M. tibetana* n. sp. **Fawcett** J. M. London, Proc. Zool. Soc., **1904**, 2, (135).

Messaras mimicus n. sp. New Guinea. **Rothschild**, *Hon.* W. Nov. Zool., Tring, **11**, 1904, (318, pl. III, fig. 43).

Mimacraea poultoni n. sp. Victoria Nyanza. **Neave**, S. A. *l.c.* (337, pl. I, fig. 18).

Morpho anaxibia, Zucht. **Fruhstorfer**, H. Ent. Zs., Guben, **18**, 1904, (35, 37–38).

Mycalesis barbara: *mea* n. subsp. **Rothschild**, *Hon.* W. Nov. Zool., Tring, **11**, 1904, (319, pl. III, fig. 42).

Narope nn. spp. **Stichel**, H. Insektenbörse, Leipzig, **21**, 1904, (6).

Nectaria nn. subspp. **Fruhstorfer**, H. *l.c.* (205).

Neptis nn. spp. Victoria Nyanza. **Neave**, S. A. Nov. Zool., Tring, **11**, 1904, (329–330).

Opsiphanes cassiae. **Guppy**, J. London, Trans. Ent. Soc., **1904**, (226, pl. XVII, fig. 2); *O. cassiae* nn. subspp. Central America. **Stichel**, H. *In*: Wytsman's Genera Insectorum, fasc. **20**, 1904, (19); *O. invirae* nn. subspp. Panama and Paraguay. **Stichel**, H. *l.c.* (21).

Pararge maera L. **Krodel**, E. Ent. Zs., Guben, **18**, 1904, (39); var. *adrasta* Hb. (ab. *biocellata* n.). **Krodel**, E. *l.c.* (30–31).

Penoa kheili Weymer ♀ der Insel Nias, Beschreibung. **Thieme**, O. Berliner ent. Zs., **49**, 1904, (163–164).

Phyciodes hanhami n. sp. Canada. **Fletcher**, J. Ottawa, Trans. R. Soc. Can., **9**, Sect. 4, 1903, (208–210, fig. 1); Canad. Ent., Toronto, **36**, 1904, (122–124).

Prepona lygia n. sp. and nn. subspp. **Fruhstorfer**, H. Insektenbörse, Leipzig, **21**, 1904, (125–126).

Prothoë ribbei: *guizonis* n. subsp. **Rothschild**, *Hon.* W. Nov. Zool., Tring, **11**, 1904, (366).

Protogonius ochraceus, egg. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (178, pl. XVII, fig. 3).

Pseudacraea nn. spp. Victoria Nyanza. **Neave**, S. A. Nov. Zool., Tring, **11**, 1904, (331–333).

Pyrameis cardui. **Stephan**, J. Natur u. Glaube, Leutkirch, **7**, 1904, (316–318).

Ragadia simplex. **Fawcett**, J. M. London, Proc. Zool. Soc., **1904**, 2, (135, pl. IX, fig. 1).

Salamis anacardii: ansorgei n. subsp. **Rothschild**, *Hon.* W. Nov. Zool., Tring, **11**, 1904, (452).

Satyrus aleyone Schiff var. *norvegica* n. var. **Strand**, E. Ent. Zs., Guben, **17**, 1903, (6).

Stictoploea convallaria n. sp. Insel Nias. **Thieme**, O. Berliner ent. Zs., **49**, 1904, (163–164); *S. dufresnei: nica* n. subsp. **Fruhstorfer**, H. Stettiner ent. Ztg, **65**, 1904, (341–344).

Tenaris merana n. sp.; nn. subspp. **Fruhstorfer**, H. Ent. Zs., Guben, **18**, 1904, (118–119).

Tisiphone abeona var. *albifascia* n. var. **Waterhouse**, G. A. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (468).

Tithorea megara, early stages. **Guppy**, J. London, Trans. Ent. Soc., **1904**, (225, pl. XVIII, fig. 3).

Vanessa, Begattung. **Fischer**, E. Ent. Zs., Guben, **17**, 1903, (70–71); Nachtrag dazu v. W. Caspari II., *l.c.* 1904, (76–77); v. P[aul] Hoffmann, **18**, 1904, (51); *V. antiopa* L. ab. *lintneri* Fitch. in Finland gefangen. **Federley**, H. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (75–81); *V. atalanta*. Southland, N. Zeal. **Philpott**, A. Wellington, Trans. N. Zeal. Inst., **36**, 1904, (161); *V. antiopa*, instinct. **Parker**, G. H. Mark Anniversary Volume, New York, 1903, ([453]–469, with 1 pl.); *V. cardui*. **Aigner-Abafi**, L. von. Allg. Zs. Ent., Neudamm, **9**, 1904, (6–9); *V. cardui* in California. **Rivers**, J. J. Los Angeles, Bull., So. Cal. Acad. Sci., **2**, 1903, (57–58); *V. cardui*, Wanderzug im Hochgebirge. **Römer**, J. Natur u. Haus, Dresden, **13**, 1904, (62); *V. caryae*. **Rivers**, J. J. Los Angeles, Bull. So. Cal. Acad. Sci., **2**, 1903, (77); *V. urticae* ab. *nigricaria* ♂. **Haverkampf**, F. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (186–187, pl. 1);

V. urticae, oviposition, habits. **Poulton**, E. B., **Hamm** and others. London, Trans. Ent. Soc., **1904**, (Proc. XLI–XLVI).

ERYCINIDAE.

Abisara albiplaga: avera, and *keiana* nn. subspp., *weiskei* ♀. **Rothschild**, *Hon.* W. Nov. Zool., Tring, **11**, 1904, (317, pls. II & III); *A. segestes* n. sp. New Guinea. **Rothschild**, *Hon.* W. *l.c.* (455).

Aricoris striata n. sp. Ecuador. **Druce**, H. London, Proc. Zool. Soc., **1904**, 1, (488, pl. XXXIV, fig. 12).

Calvia fulvimargo n. sp. Peru. **Lathy**, P. I. London, Trans. Ent. Soc., **1904**, (466, pl. XXVII, fig. 6).

Chamaelimnas albivitta n. sp. Brazil. **Lathy**, P. I. *l.c.* (465, pl. XXVII, fig. 5).

Charis nn. spp. S. America. **Druce**, H. London, Proc. Zool. Soc., **1904**, 1, (486).

Cremna aza n. sp. Colombia. **Druce**, H. *l.c.* (pl. XXXIII, fig. 11).

Cricosoma coccineata n. sp. Trinidad. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (185, pl. XVIII, fig. 10).

Dicallaneura amabilis n. sp. New Guinea. **Rothschild**, *Hon.* W. Nov. Zool., Tring, **11**, 1904, (318, pl. II, figs. 21, 22); *D. ekeikei* n. sp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (370).

Emesis guppyi n. sp. Trinidad. **Kaye**, W. J. *l.c.* (187).

Erycina latifasciata n. sp. **Lathy**, P. J. *l.c.* (464); *E. mendita* n. sp. **Druce**, H. London, Proc. Zool. Soc., **1904**, 1, (485).

Eurybia nn. spp. Peru. **Druce**, H. *l.c.* (482).

Eurygona nn. spp. S. America. **Druce**, H. *l.c.* (481); *E. subargentea* n. sp. Bolivia. **Lathy**, P. I. London, Trans. Ent. Soc., **1904**, (463).

Helicopis elegans n. sp. Trinidad. **Kaye**, W. J. *l.c.* (182).

Ithomiola rubrolineata n. sp. (=*celtilla* var. Hew.). **Lathy**, P. I. *l.c.* (465).

Lemonias auria n. sp. Bolivia. **Druce,** H. London, Proc. Zool. Soc., **1904,** 1, (487); *L. pulchra* n. sp. Peru. **Lathy,** P. I. London, Trans. Ent. Soc., **1904,** (467).

Libythea fulvescens n. sp. Dominica. **Lathy,** P. I. London, Proc. Zool. Soc., **1904,** 1, (451).

Mesosemia nn. spp. S. America. **Druce,** H. *l.c.* (483–485); *M. elegans* n. sp. Peru. **Lathy,** P. I. London, Trans. Ent. Soc., **1904,** (463).

Monethe johnstoni n. sp. Brit. Guiana. **Dannatt,** W. Entomologist, London, **1904,** (174).

Nymphidium nn. spp. S. America. **Druce,** H. London, Proc. Zool. Soc., **1904,** 1, (487–488); *N. completa* n. sp. Peru. **Lathy,** P. I. London, Trans. Ent. Soc., **1904,** (467); *N. molpe*, larva. **Guppy,** J. *l.c.* (227).

Siseme peculiaris n. sp. Peru. **Druce,** H. London, Proc. Zool. Soc., **1904,** 1, (486).

Stalachtis canidia n. sp. Matto Grosso. **Druce,** H. *l.c.* (488).

Symmachia peruviana n. sp. La Merced. **Lathy,** P. I. London, Trans. Ent. Soc., **1904,** (466).

Themone trivittata n. sp. Peru. **Lathy,** P. I. *l.c.* (465).

Theopia eudocia, *T. foliorum*, larva. **Guppy,** J. *l.c.* (226-227); *T. fasciata* n. sp. **Lathy,** P. I. *l.c.* (467).

LYCAENIDAE.

General.

Druce, H. Report on the *Lycaenidae*. Fasc. Malay. Zool., London, **3,** 1904, (1–13).

Leonhardt, W. Ueber einige Lycaeniden-Aberrationen. Ent. Zs., Guben, **18,** 1904, (53–54).

Special.

Alaena mulsa n. sp. Deutsch Ost-Afrika. **Thieme,** O. Berliner ent. Zs., **49,** 1904, (164, mit 1 Taf.).

Aphneus drucei n. sp. Victoria Nyanza. **Neave,** S. A. Nov. Zool., Tring, **11,** 1904, (338); *A. questiauxi* n. sp. Congo. **Aurivillius,** C. Ark. Zool., Stockholm, **1,** 1–2, 1903, (252); *A. ratrayi* n. sp. Toro. **Sharpe,** E. M. Entomologist, London, **1904,** (203).

Araracus n. gen. for *Papilio linus* Sulz. **Kaye,** W. J. London, Trans. Ent. Soc., **1904,** (197).

Arhopala nn. spp. **Bethune-Baker,** G. T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (233-235).

Candalides pruina n. sp. New Guinea. **Druce,** H. *l.c.* **13,** 1904, (140).

Castalius eusemia n. sp. Victoria Nyanza. **Neave,** S. A. Nov. Zool., Tring, **11,** 1904, (340).

Catochrysops nandensis n. sp. Africa. **Neave,** S. A. *l.c.* (339).

Chrysophanus dispar var. and *nigrolineata* n. ab., *C. derilis* ab. *upoleuca* n. ab. **Verity,** R. Entomologist, London, **1904,** (58); *C. dispar* Haw. **Leonhardt,** W. Insektenbörse, Leipzig, **21,** 1904, (235–236); *C. dorilis*, Eiablage. **Gillmer,** M. Ent. Zs., Guben, **18,** 1904, (42); Insektenbörse, Leipzig, **21,** 1904, (205); *C. virgaureae* L. ♂ ab. *guttata* n. ab. **Schultz,** O. Ent. Zs., Güben, **18,** 1904, (93-94).

Deudorix leonina n. sp. Sierra Leone. **Bethune-Baker,** G. T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (231).

Eoöxylides tharis nn. subspp. **Fruhstorfer,** H. D. ent. Zs. Iris, Berlin, **16,** (1903), 1904, (311–312); *E. tharis: enganicus* n. subsp. Engano. **Fruhstorfer,** H. Berliner ent. Zs., **49,** 1904, (204).

Epitola nn. spp. Sierra Leone. **Bethune-Baker,** G. T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (227–231).

Epitolina catori n. sp. Sierra Leone. **Bethune-Baker,** G. T. *l.c.* (227).

Hypolycaena moyambina n. sp. Sierra Leone. **Bethune-Baker,** G. T. *l.c.* (232); *H. ugandae* n. sp. Africa. **Sharpe,** E. M. Entomologist, London, **1904,** (203).

Iaspis n. gen. for *Symmachia temesa* Hew. **Kaye,** W. J. London, Trans. Ent. Soc., **1904,** (196).

Iolaus nn. spp. Africa. **Sharpe,** E. M. Entomologist, London, **1904,** (203–204); *I. catori* n. sp. Sierra Leone. **Bethune-Baker,** G. T. Ann. Mag. Nat. Hist., London., (Ser. 7), **14,** 1904, (232–233).

Jacoona anasuja : irmina n. subsp. **Fruhstorfer**, H. D. ent. Zs. Iris, Berlin, **16**, (1903), 1904, (310–311).

Lampides telicanus n. ab., *L. damon* ab. n. *agraphomena*. **Verity**, R. Entomologist, London, **1904**, (58–59).

Liptena albicans n. sp. Sierra Leone. **Cator**, D. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (76); *L. diversa* n. sp. Sierra Leone. **Bethune-Baker**, G. T. *l.c.* (225).

Lycaena nn. spp. Toungboo. **Fawcett**, J. M. London, Proc. Zool. Soc., **1904**, 2, (138–139); *L. alcon* F., Entwicklung und Lebensart. (Holländisch) **Brants**, A. 's Gravenhage, Tijdschr. Ent., **46**, 1904, (137–143); *L. amandus* Schn. ab. *caeca* Gillmer. **Leonhardt**, W. Ent. Zs., Guben, **18**, 1904, (59); *L. argiades*, life-history. **Frohawk**, F. W. Entomologist, London, **1904**, (245–249); *L. argiades* Pall. ab. *depuncta* n. ab. Ungarn. **Hirschke**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (270); *L. ariana* var. *arene*, *L. pheretes* var. *pharis*. **Fawcett**, J. M. London, Proc. Zool. Soc., **1904**, 2, (137–138); *L. coretas* (o) n. sp. **Jachontov**, A. A. (Russ.) Rev. russ. ent., Jaroslavlï, **4**, 2–3, 1904, (96–101, with 2 figs.); *L. corydon* Poda und *L. damon* Schiff., Aberrationen durch Einwirkung niederer Temperaturen auf das Puppenstadium. **Krodel**, E. Allg. Zs. Ent., Neudamm, **9**, 1904, (49–55, 103–110, 134–137); *L. corydon* var. *rezniceki* n. var. **Bartel**, M. Ent. Zs., Guben, **18**, 1904, (114–115, 117–118); *L. galba* Id. Kenntnis. **Rebel**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (7–8); *L. icarus* Rott., ab. *persica* Bien. **Krodel**, E. Ent. Zs., Güben, **17**, 1904, (80–81); Bemerkung dazu v. M. Gillmer. *l.c.* (84–85); *L. icarus* Rott. „ab. *melanotoxa* Pincit." identisch mit „ab. *arcuata* Weymer"? **Leonhardt**, W. *l.c.* **18**, 1904, (33); *L. icarus* Rott. ♀ ab. *amoena* m., *L. corydon* Poda ♂ ab. *suavis* m., *L. arcas* Rott. ♂ ab. *lycaonius* m. **Schultz**, O. *l.c.* (93–94): *L. lerothodi* n. sp. Basutoland. **Trimen**, R. London, Trans. Ent. Soc., **1904**, (242); *L. phyllis* Chr. ab. *schultzi* Krodel n. ab. **Krodel**, E. Ent. Zs., Güben, **18**, 1904, (21); *L. pseudargiolus* varr. *argentata*, *nigrescens* nn. varr. Canada. **Fletcher**, J. Ottawa, Trans. R. Soc. Can., **9**, Sect. 4, 1903, (213–214); Canad. Ent., Toronto, **36**, 1904, (127–128).

Lycaenesthes hobleyi n. sp. Victoria Nyanza. **Neave**, S. A. Nov. Zool., Tring, **11**, 1904, (339).

Macusia n. gen. for *Thecla satyroides* Hew. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (198).

Micropentila mabangi n. sp. Sierra Leone. **Bethune-Baker**. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (226).

Oxylides feminina n. sp. Uganda. **Sharpe**, E. M. Entomologist, London, **1904**, (202).

Paiwarria n. gen. for *Papilio venulius* Cr. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (199).

Parachrysops n. gen., *P. bicolor* n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (369).

Parelodina n. gen. near *Candalides*, *P. aroa* n. sp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (368).

Philiris merged in *Candalides*. **Bethune-Baker**, G. T. *l.c.* (369).

Polyniphes n. gen. for *Thecla dumenilii* God. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (191).

Polyommatus admetus var. *rippartii*, oviposition and egg. **Powell**, H. Ent. Rec., London, **16**, 1904, (92–94).

Poultonia n. gen., near *Durbania*, *P. ochrascens* n. sp. Victoria Nyanza. **Neave**, S. A. Nov. Zool., Tring, **11**, 1904, (336)

Pseuderesia nn. spp. **Cator**, D. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (73–75); *P.* nn. spp. Sierra Leone. **Bethune-Baker**, G. T. *l.c.* **14**, 1904, (224–225).

Purlisa gigantea : *borneana* n. subsp. **Fruhstorfer**, H. D. ent. Zs. Iris, Berlin, **16**, (1903), 1904, (310).

Rekoa n. gen. for *Pap. meton* Cr. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (198).

Siderus n. gen., *S. parvinotus* n. sp. Trinidad. **Kaye**, W. J. *l.c.* (195).

Spindasis nairobiensis n. sp. Equatorial Africa. **Sharpe**, E. M. Entomologist, London, **1904**, (133).

Syntaruchoides n. gen. for *Papilio cassius* Cr. **Kaye**, W. J. London, Trans. Ent. Soc., **1904**, (190).

Tajuria nn. spp. Borneo. **Druce,** H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (141).

Telipna nyanza n. sp. Africa. **Neave,** S. A. Nov. Zool., Tring, **11,** 1904, (335).

Thecla nn. spp. Dominica. **Lathy,** P. I. London, Proc. Zool. Soc, **1904,** 1, (452); *T. acaciae* ab. *beccarii* n. ab. **Verity,** R. Entomologist, London, **1904,** (56); *T. heathii* n. sp., *T. strigosa* var. *liparops* n. var. Canada. **Fletcher,** J. Ottawa, Trans. R. Soc. Can., **9,** Sect. 4, 1903, (210–212, fig. 2); Canad. Ent., Toronto, **36,** 1904, (124–127).

Thestor ballus, early stages. **Chapman,** T. A. Ent. Rec., London, **16,** 1904, (254–260, 277–284, pls. XI–XIII).

Thysonotis hebes n. sp. New Guinea. **Druce,** H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (140).

Tinolus nn. spp. Trinidad. **Kaye,** W. J. London, Trans. Ent. Soc., **1904,** (192, 194).

Zeritis felthami n. sp. Cape of Good Hope. **Trimen,** R. *l.c.* (233); *Z. thysbe* var. *Z. molomo* redescribed, *Z. damarensis*. **Trimen,** R. *l.c.* (236, 238, 240).

PIERIDAE.

General.

Butler, A. G. On certain African butterflies of the sub-family Pierinae. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (426–429).

Moore, F. Lepidoptera indica. Vol. 6, Pts. LXVII–LXIX. (*Papilionidae* and *Pieridae*). London, 1904, (105–176, pls. 513–534).

Special.

Aporia crataegi L., Variabilität der Flügellänge in Sophia (Bulgarien). **Bachmetjew,** P. Allg. Zs. Ent., Neudamm, **9,** 1904, (269–271).

Belenois gidica, abyssinica, and *westwoodi*, relations. **Butler,** A. G. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (426).

Callidryades, seasonal phases, synonymys. **Butler,** A. G. *l.c.* **14,** 1904, (410–414).

Catopsilia, migration in the Amazons. **Goeldi,** E. A. Bol. Mus. Goeldi, Parà, **4,** 1904, (309–316, with 2 pls.); *C. pyranthe*, varieties. **Manders,** N. London, Trans. Ent. Soc., **1904,** (701–703, pl. XXXIV).

Colias nn. spp. Khamba and Jong. **Fawcett,** J. M. London, Proc. Zool. Soc., **1904,** 2, (139–140, pl. IX); *C. edusa*, early stages. **Harrison,** J. W. H. Ent. Rec., London, **16,** 1904, (172–176); *C. electra*, pale form and melanic form. **Trimen,** R. London, Trans. Ent. Soc., **1904,** (243, pl. XX); *C. exogone* var. *leechi* synonymy. **Fawcett,** J. M. London, Proc. Zool. Soc., **1904,** 2, (140–141, pl. IX, figs. 10, 10A).

Delias, notes on New Guinea species. **Rothschild,** *Hon.* W. Nov. Zool., Tring, **11,** 1904, (312–317); *D.* nn. spp. **Rothschild,** *Hon.* W. *l.c.* (313–316); *D. alberti* n. sp., *D. schoenbergi: choiseuli* n. subsp. **Rothschild,** *Hon.* W. *l.c.* (453); *D. hempeli* n. sp. Gilolo. **Dannatt,** W. Entomologist, London, **1904,** (173, pl. VII, fig. 3); *D. timorensis : gardineri* n. sp. **Fruhstorfer,** H. Stettiner ent. Ztg, **65,** 1904, (345–348).

Dismorphia broomeae ♀. **Kaye,** W. J. London, Trans. Ent. Soc., **1904,** (201).

Euchloe cardamines, Zucht. **Bretschneider,** J. B. Ent. Zs., Guben, **17,** 1904, (85, 90).

Eurema, migration in the Amazons. **Goeldi,** E. A. Bol. Mus. Goeldi, Parà, **4,** 1904, (309–316, with 2 pls.).

Ganoris (*Pieris*) *napi*, scent of males. **Dixey,** F. A. London, Trans. Ent. Soc., **1904,** (Proc. LVI–LX); **Longstaff,** G. B. *l.c.* (LXXXIX).

Gonepteryx rhamni var. *cleopatra*. **Lucas,** R. Entomologist, London, **1904,** (240).

Herpaenia lacteipennis = (*eriphia* var. *shamirica* Auriv.) **Butler,** A. G. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (428).

Itaballia n. gen. for *Pieris pandosia* Hew. **Kaye,** W. J. London, Trans. Ent. Soc., **1904,** (204).

Mylothris tirikensis n. sp. Victoria Nyanza. **Neave,** S. A. Nov. Zool., Tring, 11, **1904,** (341, pl. 1, fig. 9).

Nepheronia valeria: *kangeana* n. subsp. **Fruhstorfer**, H. Stettiner ent. Ztg, **65**, 1904, (347).

Pieris brassicae, Grösse. **Ausl**, H. Allg. Zs. Ent., Neudamm, **9**, 1904, (452–453); *P. continentalis* n. sp. ♂. **Heyn**, K. Ent. Zs., Guben, **18**, 1904, (57–58); *P. daplidice* L. ab. *anthracina* Schultz. **Schultz**, O. *l.c.* (85–86); *P. leachii* n. sp. Ladak. **Moore**, F. Lep. Indica, London, **6**, 1904, (150); *P. napi* L. var. *intermedia* Krul. **Jachontov**, A. A. Rev. russ. ent., Jaroslavlĭ, **4**, No. 1, 1904, (15–18); *P. napi*, zur Kenntnis einiger Formen. **Wagner**, F. Wien, Verh. ZoolBot. Ges., **53**, 1903, (174–178, mit 1 Taf.); *P. rapae* L. var. *rossii* Stef., Beschreibung. **Schima**, K. *l.c.* (566–568).

Pinacopteryx dixeyi n. sp. Victoria Nyanza. **Neave**, S. A. Nov. Zool., Tring, **11**, 1904, (341, pl. I, fig. 10).

Saletara panda nn. subspp. **Fruhstorfer**, H. Stettiner ent. Ztg, **65**, 1904, (345–348).

Tachyris ada n. subsp. Banda. **Fruhstorfer**, H. Insektenbörse, Leipzig, **21**, 1904, (197); *T. cerussa* n. sp. and nn. subspp. **Fruhstorfer**, H. *l.c.* (157).

Teracolus nouna, food-plant. **Walsingham**, *Lord*. Ent. Mag., London, **40**, 1904, (99); *T. xantholeuca* n. sp. Equatorial Africa. **Sharpe**, E. M. Entomologist, London, **1904**, (133).

PAPILIONIDAE.

General.

Moore, F. Lepidoptera indica. Vol. 6, Pts. LXVII–LXIX. (*Papilionidae* and *Pieridae*). London, 1904, (105–176, pls. 513–534).

Young, L. C. H. Synonymic Catalogue of the Lepidoptera Papilionia in the Society's Collection. Bombay, J. Nat. Hist. Soc., **15**, 1904, (483–497).

Special.

Ornithoptera. **Rippon**, H. F. Icones Ornithopterorum. Pl. 17, (1–10, with 4 pls.); *O.*, Nachweis der Fälschung einer Art mit 2 Paar Hinterflügeln. **Schulze**, S. Ent. Zs., Guben, **17**, 1904, (77); *O. pegasus* und *paradisea*. **Schulze**, [S.]. *l.c.* **17**, 1903, (30).

Papilio n. subspp. **Fruhstorfer**, H. *l.c.* **18**, 1904, (45–46); *P.* nn. subspp. **Fruhstorfer**, H. Insektenbörse, Leipzig, **21**, 1904, (140–141, 180–181, 188–189, 309); *P. agamemnon*: *atropictus* n. subsp. Engano. **Fruhstorfer**, H. Berliner ent. Zs., **49**, 1904, (195); *P. aristolochiae*: *antiphulus* n. subsp. **Fruhstorfer**, H. D. ent. Zs. Iris, Berlin, **16**, (1903), 1904, (302); *P. canopus*: *kallon* n. subsp. **Fruhstorfer**, H. Insektenbörse, Leipzig, **21**, 1904, (157); *P. bridgei*: *togonis* and *ortegae* nn. subspp. **Rothschild**, *Hon.* W. Nov. Zool., Tring, **11**, 1904, (453); *P. cenea*, life-history, bred varr. **Leigh** and **Poulton**. London, Trans. Ent. Soc., **1904**, (677–668); *P. galienus*: *peculiaris* and *whitnalli* nn. subspp. **Neave**, S. A. Nov. Zool., Tring, **11**, 1904, (342, pl. I, fig. 7); *P. homerus*, larval habits. **Swainson**. London, Trans. Ent. Soc., **1904**, (Proc. LV); *P. merope*, characters of allied forms, table. **Trimen**, R. *l.c.* (691); *P. podalirius*, Naturgeschichte. **Grund**, A. Ent. Zs., Guben, **18**, 1904, (78).

Parnassius nn. subspp. **Fruhstorfer**, H. D. ent. Zs. Iris, Berlin, **16**, (1903), 1904, (308–309); *P. apollo* ab. *brittingeri* Rbl. and Rghfr., in Finland gefangen. **Federley**, H. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (75–81); *P. apollo* L., Aberration. **Rebel**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (166–167); *P. delphius*: *dolabella* n. subsp. **Fruhstorfer**, H. Ent. Zs., Guben, **18**, 1904, (29–30); *P. mnemosyne* var. *halteres* n. var. and oviposition. **Muschamp**, P. A. H. Ent. Rec., London, **16**, 1904, (52); *P. nordmanni* Mén. ab. *trimaculata* n. ab. **Šapošnikov**, Ch. G. St. Peterburg, Ann. Mus. Zoo'. Ac. Sc., **9**, 1904, (191–192).

Thais polyxena Schiff. **Aigner-Abafi**, L. von. Ent. Zs. Guben, **17**, 1903, (30).

Troides chimaera n. sp. New Guinea. **Rothschild**, *Hon.* W. Nov. Zool., Tring, **11**, 1904, (311); *T. haliphron*: *ikarus* n. subsp. **Fruhstorfer**, H. Insektenbörse, Leipzig, **21**, 1904, (157); *T. oblongomaculatus* Goeze. **Pagenstecher**, A. Ent. Zs., Guben, **18**, 1904, (41–42); *T. oblongomaculatus*: *hanno* n. subsp. **Fruhstorfer**, H. *l.c.* (27); *T. victoriae*: *rubianus* n. subsp. **Rothschild**, *Hon.* W. Nov. Zool., Tring, **11**, 1904, (654).

HESPERIDAE.

General.

Mabille, P. Lepidoptera Rhopalocera, fam *Hesperiidae*, [includes n. subfam. Megathyminae.]. *In*: Wytsman's Genera Insectorum, fasc. **17**, 1904, (79–210, pl. IV).

Waterhouse, G. A. and **Turner,** R. C. Notes on *Hesperidae* described by Mabille and reputed to be Australian. Vict. Nat., Melbourne, **21**, 1904, (109–110).

Special.

Acromecis n gen. for *A. neander* Plötz. **Mabille,** P. *In*: Wytsman's Genera Insectorum, fasc. **17**, 1904, (171–172).

Aella n. gen. for *A. dryops*. **Mabille,** P. *l.c.* (140).

Arotis n. gen., *A. sirene* n. sp. Brésil. **Mabille,** P. *l.c.* (131).

Asbolis n. gen. for *A. sandarac*. **Mabille,** P. *l.c.* (134).

Bibla n. gen. for *B. papyria* Boisduval. **Mabille,** P. *l.c.* (122).

Carystus vallio Mabille. **Waterhouse,** G. A. and **Turner,** R. E. Vict. Nat., Melbourne, **21**, 1904, (109–110).

Chloeria n. gen. for *C. pisttacina* Felder. **Mabille,** P. *In*: Wytsman's Genera Insectorum, fasc. **17**, 1904, (178).

Chondrolepis n. gen. for *C. murga*. **Mabille,** P. *l.c.* (170–171).

Corone nn. spp. New Guinea. **Mabille.** *l.c.* (143); *C. ismenoides* Mabille. **Waterhouse,** G. A. and **Turner,** R. E. Vict. Nat., Melbourne, **21**, 1904, (109–110).

Cyclopides trisignatus n. sp. Victoria Nyanza. **Neave,** S. A. Nov. Zool., Tring, **11**, 1904, (343).

Dalla n. gen. for *D. eryonas* Hewitson. **Mabille,** P. *In*: Wytsman's Genera Insectorum, fasc. **17**, 1904, (107).

Hasora attenuata n. sp. Nouvelle-Guinée. **Mabille,** P. *l.c.* (86).

Heliopetes concinnata n. sp. Rio Grande. **Mabille,** P. *l.c.* (79).

Hesperia malvae ab. *zagrabiensis* (Grund). **Grund,** A. Ent. Zs., Güben, **17**, 1903, (49); *H. malvae* ab. *taras* ♂ und ♀. **Löffler,** C. *l.c.* **18**, 1904, (77–78, mit 1 Taf.).

Hesperilla atrax Mabille, *H. eaclis* Mabille, *H. melissa* M., *H. satulla* M., *H. saxula* M. **Waterhouse,** G. A. and **Turner,** R. E., Vict. Nat., Melbourne, **21**, 1904, (109–110).

Hypoleucis indusiata Mabille. **Waterhouse,** G. A. and **Turner,** R. E. *l.c.* (109–110).

Ismene tolo n. sp. Célèbes. **Mabille,** P. *In*: Wytsman's Genera Insectorum, fasc. **17**, 1904, (89).

Kedestes tacusa. **Tremen,** R. London, Trans. Ent. Soc., **1904**, (245, pl. XX, fig. 8).

Leptalina n. gen. for *L. unicolor*. **Mabille,** P. *In*: Wytsman's Genera Insectorum, fasc. **17**, 1904, (110).

Malaza n. gen. for *M. catocalinus*. **Mabille,** P. *l.c.* (95).

Manarina n. gen. for *M. fastuosus*. **Mabille,** P. *l.c.* (95–96).

Melanthes n. gen. for *M. brunnea* Herrich-Schäffer. **Mabille,** P. *l.c.* (80–81).

Ocybadistes suffusus n. sp. Australie. **Mabille,** P. *l.c.* (142).

Oedaloneura n. gen. for *O. heterochrus*. **Mabille,** P. *l.c.* (101).

Oenides n. gen. for *O. vulpina* Felder. **Mabille,** P. *l.c.* (178).

Oxytoxia n. gen. for *O. doubledayi* Felder. **Mabille,** P. *l.c.* (93).

Padraona suborbicularis n. sp. Australie. **Mabille,** P. *l.c.* (141).

Pamphila impar Mabille, *P. lagon* Mabille, *P. neocles* M., *P. rectivitta* M., *P. sigida* M. **Waterhouse,** G. A. and **Turner,** R. E. Vict. Nat., Melbourne, **21**, 1904, (109–110); *P. manitoboides* n. sp. Canada. **Fletcher,** J. Ottawa, Trans. R. Soc. Can., **9**, Sect. 4, 1903, (214-216); Canad. Ent., Toronto, **36**, 1904, (128–130).

Perichares heroni n. sp. Trinidad. **Kaye,** W. J. London, Trans. Ent. Soc., **1904**, (221).

Psoralis n. gen., *P. sabaeus* n. sp. Bolivie. **Mabille,** P. *In*: Wytsman's Genera Insectorum, fasc. **17**, 1904, (133).

Pyrrhocalles n. gen. for *P. antiqua* Herrich-Schäffer. **Mabille,** P. *l.c.* (143).

Pyrrhochalcia n. gen. for *P. iphis*. **Mabille,** P. *l.c.* (89).

Sarega n. gen., *S. staurus* n. sp. Colombie. **Mabille,** P. *l.c.* (133).

Serdis n. gen., *S. flagrans* n. sp. Equateur. **Mabille,** P. *l.c.* (144).

Staphylus sinepunctis n. sp. Trinidad. **Kaye,** W. J, London, Trans. Ent. Soc., **1904,** (215).

Stomyles nn. spp. Brésil, Amérique méridionale. **Mabille,** P. *In*: Wytsman's Genera Insectorum, fasc. **17,** 1904, (132).

Synale n. gen. for *S. hylaspes* Cramer. Brésil. **Mabille,** P. *l.c.* (159).

Synapte n. gen. for *S. salenus*. **Mabille,** P. *l.c.* (133).

Tagiades nn. spp. New Guinea. **Swinhoe,** C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (418-419); *T. australiensis* Mabille. **Waterhouse,** G. A. and **Turner,** R. E. Vict. Nat., Melbourne, **21,** 1904, (109-110).

Telicota hypomelaena n. sp. **Mabille,** P. *In*: Wytsman's Genera Insectorum, fasc. **17,** 1904, (142-143); *T. androsthenes* n. sp., *T. insularis: kreon* n. subsp. Malay. **Fruhstorfer,** H. Berliner ent. Zs., **49,** 1904, (165-166, mit 2 Taf.).

Thanaos lilius n. sp. British Columbia. **Dyar,** H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27,** 1904, (788).

Thracides nn. spp. Amérique centrale. **Mabille,** P. *In*: Wytsman's Genera Insectorum, fasc. **17,** 1904, (179).

Toxidia thyrrhus Mabille. **Waterhouse,** G. A. and **Turner,** R. E. Vict. Nat., Melbourne, **21,** 1904, (109-110).

Triaeduса n. gen., *T. milvius* n. sp. Brésil **Mabille,** P. *In*: Wytsman's Genera Insectorum, fasc. **17,** 1904, (144-145).

Vehilius subplanus n. sp. Trinidad. **Kaye,** W. J. London, Trans. Ent. Soc., **1904,** (216).

Zenida n. gen. for *Z. abdon* Plötz. **Mabille,** P. *In*: Wytsman's Genera Insectorum, fasc. **17,** 1904, (159-160).

Zophopetes n. gen. for *Z. dysmephila* Trimen. **Mabille,** P. *l.c.* (183-184).

HETEROCERA.

GENERAL.

Dudgeon, G. C. A catalogue of the Heterocera of Sikkim and Bhutan. Bombay, J. Nat. Hist. Soc., **15,** 1904, (602-613).

Krulikovskij. Petites notices lépidoptérologiques VIII. (Russ.) Rev. russ. ent., Jaroslavlʹ, **4,** 2-3, 1904, (90-92).

Miyake, T. Heterocera of Japan, described and figured. (Japanese) Dobuts. Z., Tokyo, **16,** 1904, (24-28, 147-149, 172-182, 230-239).

Piepers, [M. C.] et **Snellen,** [P. C. T.]. Enumération des lépidoptères hétérocères de Java. 's Gravenhage, Tijdschr. Ent., **47,** [1904], (43-62).

SATURNIDAE.

Actias luna, Schlüpfen. **Ebner, F.** Insektenbörse, Leipzig, **21,** 1904, (245).

Aglia tau, Zwitter. **Jammerath,** H. Ent. Zs., Guben, **17,** 1903, (4); *A. tau* und dessen Aberrationen *ferenigra* und *nigerrima*. **Wünscher, M.** Ent. Jahrb., Leipzig, **13,** 1904, (127-130).

Attacus vibidia n. sp. Tucuman. **Druce,** H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (244).

Opodiphthera papuana n. sp. New Guinea. **Rothschild,** *Hon.* W. Nov. Zool., Tring, **11,** 1904, (601).

Philosamia cynthia, variation and elimination. **Crampton,** H. E. Biometrika, Cambridge, **3,** 1904, (113-130); Wood's Holl, Mass., Mar. Biol. Lab. Bull., **2,** 1901, (362-363).

Rothschildia steinbachi n. sp. Tucuman. **Rothschild,** *Hon.* W. Nov. Zool., Tring, **11,** 1904, (601).

Saturnia cynthia, chenilles attaquées par *Vespa vulgaris* L. **La Porte,** L. de. Paris, Bul. soc. ent., **1903,** (41-42).

CERATOCAMPIDAE.

Adelocephala nn. spp. S. America. **Druce,** H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (242-244).

BOMBYCIDAE.

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Hypercydas coelilema, variation. **Bethune-Baker,** G. T. Nov. Zool., Tring, **11,** 1904, (372).

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1904, (36); *D. vespertilio* Esp. zugleich eine Anfrage an den Leserkreis. **Reinberger.** Ent. Zs, Guben, **18**, 1904, (34–35); Antwort v. C[arl] **Hoffmann**, *l.c.* (61–62). *D. zygophylli*, Fang in Posen. **Mangelsdorff**, P. *l.c.* (13–14).

Epistor bathus n. sp. Peru. **Rothschild**, *Hon.* W. Nov. Zool., Tring, **11**, 1904, (436).

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Smerinthus hybridus, gynandromorphes Exemplar. **Gillmer**, M. Allg. Zs. Ent., Neudamm, **9**, 1904, (140–143); *S. ocellatus* and *S. populi*, hybridisation. **Arkle**, J. Entomologist, London, **1904**, (25).

Sphingonaepiopsis ansorgei n. sp. Angola. **Rothschild**, *Hon.* W. Nov. Zool., Tring, **11**, 1904, (438).

Temnora nn. spp. Africa. **Rothschild**, *Hon.* W. *l.c.* (436, 437); *T. elegans: polia* n. subsp. **Rothschild**, *Hon.* W. *l.c.* (437).

Theretra polistratus n. sp. New Guinea. **Rothschild**, *Hon.* W. *l.c.* (440).

Xylophanes nn. spp. Peru. **Rothschild**, *Hon.* W. *l.c.* (439, 440).

NOTODONTIDAE.

Cascera bella n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (374).

Cerura multipunctata n. sp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (381).

Dicentria nn. spp. San Salvador, Tucuman. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (116).

Dicranura vinula L. ab. *zickerti* n. ab. **Frings**, C. Ent. Zs., Guben, **18**, 1904, (58).

Epanaphe clarilla n. sp. Mashonaland. **Aurivillius**, C. London, Trans. Ent. Soc., **1904**, (699).

Eunotela moqui n. sp. Arizona. **Barnes**, W. Canad. Ent., Toronto, **36**, 1904, (266–267).

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Hapygia esbrella n. sp. Arizona. **Barnes**, W. Canad. Ent., Toronto, **36**, 1904, (267–268).

Harpyia vinula, Biologie. **Schuster**, L. Zool. Garten, Frankfurt a. M., **45**, 1904, (96–97); Trutzwaffen. *l.c.* (20–23).

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Heterocampa nn. spp. Peru. **Druce**, H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (248–249).

Hirsutopalpis n. gen. *Notodontidae*, *H. fasciata* n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (375).

Hyperaeschra collaris n. sp. Khasia Hills. **Swinhoe**, C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (132).

Lanioceras n. gen., *L. aroa* n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (381).

Lobeza schausi n. sp. Venezuela. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (117–118).

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Maschane nn. spp. S. America. **Druce**, H. *l.c.* (249–250).

Meragisa nn. spp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (116–117).

Omichlis nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool. Tring, **11**, 1904, (375–377).

Osica nn. spp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (374).

Pseudodryas luteopunctata n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (115–116).

Pseudogargetta n. gen., *P. diversa* n. sp. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (373).

Somera oxoia n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (152).

Stauropus nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (378–380).

Tarsolepis sommeri : *dinawensis* n. subsp. **Bethune-Baker**, G. T. *l.c.* (373).

SESIIDAE.

Scsia annellata Z., Variation. **Tomala**, N. Rovart. L., Budapest, **11**, 1904, (155–157); *S. arctica* Beutenmüller, n. sp. Alaska. **Dyar**, H. G. [Reprinted from Washington, D.C., Proc. Acad., **2**, 1900, (487-501)]. Alaska, (Harriman Expedition), New York, **8**, 1904, (211–227); *S. formicaeformis* produit-elle des excroissances sur les rameaux des saules? **Bellevoye**, A. Paris, Bul. soc. ent., **1903**, (89-90).

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Amata Fabr. prior to *Syntomis* Ochs. **Prout**, L. B. Entomologist, London, **1904**, (116).

Ceryx nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (382–383).

Ctenucha albolineata n. sp. Peru. **Druce**, H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (241).

Paraceryx n. gen., *P. aroa* n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (384).

Pseudapiconoma nn. spp. Angola. **Jordan**, K. *l.c.* (441–442).

Scepsis packardii Grote, var. *cocklei* n. var. British Columbia. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (792).

Syntomeida hampsonii n. sp. Arizona. **Barnes**, W. Canad. Ent., Toronto, **36**, 1904, (165).

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Chalcosia viridisuffusa n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (155).

Chelura hemileuca. New Guinea. **Rothschild**, *Hon.* W. Nov. Zool., Tring, **11**, 1904, (322).

Dysauxes punctata ab. (et var.?) *ragusaria* n. ab. Zkt. **Zickert**, F. Ent. Zs.. Guben, **18**, 1904, (78).

Nesaca albimacula n. sp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (180).

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Soritia vitripennis n. sp. Tonkin. **Joannis**, J. de. Paris, Bul. soc. ent., **1903**, (10–11).

Zygaena, einige transalpine Formen. **Hoffmann**, P. Ent. Zs., Guben, **18**, 1904, (5, 9); *Z. carniolica*, aberrative Stücke. **Wagner**, F. Wien, Verh. ZoolBot. Ges., **53**, 1903, (568–569); *Z. scabiosae* Esp. ab. *hoffmanni* n. **Zickert**, F. Ent. Zs., Guben, **17**, 1903, (61). *Z. scabiosae* Schew. ab. *Flava*, n. ab. **Pieszczek**, A. Wien, Verh. ZoolBot. Ges., **53**, 1903, (570); *Z. trifolii* and *filipendulae*, hybridisation. **South**, R. Entomologist, London, **1904**, (15).

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Heterogynis, notes on habits, specific distinctions, larvae, cocoons; *H. canalensis* n. sp. Spain. **Chapman**, T. A. London, Trans. Ent. Soc., **1904**, (71–78, pls. XI–XIV).

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Chalia laminati n. sp. Tonkin. **Heylaerts**, F. J. M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (419–420).

Clania lewinii, habits, oviposition, etc. **Littler**, F. M. Entomologist, London, **1904**, (310–315).

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Culama expressa, notes on characters, on larval tubercles, and position. **Quail**, A. Entomologist, London, **1904**, (93–97, pl. VI).

Duomitus leuconotus, life-history and habits in Calcutta. **Stebbing**, E. P. Calcutta, J. As. Soc. Beng., **73**, (11), 1904, (25-30); *D. benestriata* n. sp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (180).

Eugivira nn. spp. San Salvador, Venezuela. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (122).

Parazeuzera n. gen., *P. aurea*, *P. celoena* nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (384).

HEPIALIDAE.

Hepialiscus algeriensis n. sp. Algérie. **Joannis**, J. de. Paris, Bul. soc. ent., **1903**, (222–223).

Hepialus hectus var. **Woodbridge**, F. E. Entomologist, London, **1904**, (9); *H. humuli* variation in Faroes. **Annandale**, N. Edinburgh, Proc. R. Phys. Soc., **1904**, (158); *H. humuli*. **Fassl**, A. H. Insektenbörse, Leipzig, **21**, 1904, (317).

Zeuzera eucalypti, note. **Littler**, F. M. Entomologist, London, **1904**, (114).

CALLIDULIDAE.

Agonis dymus n. sp. Fergusson Islds. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (155).

DREPANIDAE.

Oreta angustipennis n. sp. Niger. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (461).

LIMACODIDAE.

Birthama basibrunnea n. sp. E. Africa. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (154); *B. dinawa* n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (385).

Contheyla nn. spp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (385–386); *C.* nn. spp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (153).

Dinawa n. gen., *D. rufa*, *D. nigricans* nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (386).

Lasiochara n. gen., *L. pulchra* n. sp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (392).

Lasiolimacos n. gen., *L. ferruginea*, *L. kenricki*, *L. pratti* nn. spp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (388-389).

Narosa aroa n. sp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (386).

Nervicompressa n. gen., *N. aroa*, *N. kebeae*, *N. lunulata*, *N. dubia*, *N. albomaculata*, *N. unistrigata* nn. spp. New Guinea. **Bethune-Baker**, G. T., *l.c.* (389–392).

Pygaeomorpha n. gen., *P. brunnea*, *P. modesta* nn. spp. **Bethune-Baker**, G. T. *l.c.* (387).

Scopelodes nn. spp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (384–385); *S. tantula* n. sp. Khasia Hills.

Swinhoe, C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (132).

Squamosala n. gen., *S. nigrostigmata* n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (393).

Thosea peralbida n. sp. Poona. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (153).

MEGALOPYGIDAE.

Megalopyge gamelia n. sp. Peru. **Druce**, H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (246).

THYRIDIDAE.

Banisia salmo n. sp. Borneo. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (483).

Dysodia flammata n. sp. Zomba. **Warren**, W. *l.c.* (461).

Loxiorhiza n. gen. for *Zeuzerodes cervinalis* Pag. **Warren**, W. *l.c.* (494).

Morova? innotata n. sp. Townsville. **Warren**, W. *l.c.* (483).

Siculodes nn. spp. Peru. **Warren**, W. *l.c.* (493); *S. triumphans* n. sp. Peru. **Warren**, W. *l.c.* (1).

Striglina divisata n. sp. Natuna Islds. **Warren**, W. *l.c.* (484).

LASIOCAMPIDAE.

General.

Spuler, A. Über die paläarktischen Lasiocampiden. Vortrag. Erlangen, SitzBer. physik. Soc., **35**, (1903), 1904, (241–242).

Special.

Arguda erectilinea n. sp. Singapore. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (152); *A. pratti* n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (395).

Catabeleda n. gen., type *Lebeda producta* Walk. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **23**, 1902, (275–278, with pl.).

Chrysopoloma crawshayi n. sp. E. Africa. **Aurivillius**, C. London, Trans. Ent. Soc., **1904**, (699); *C. nivea* n. sp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (106).

Clisiocampa americana, life-history. **Davis**, N. F. Pennsylvania Dept. Agric. Bull., [Harrisburg], **1903**, No. 120, 1904, (15, with pl.); *C. americana*, parasite of. **Fiske**, W. F. Agric. Exp. Sta., New Hampshire, Durham, Tech. Bull., No. **6**, 1903, (181–230, with 7 figs.); [review] Washington, D.C., U.S. Dept. Agric. Off. Exp. Sta. Rec., **14**, 1903, (1096–1097).

Cycethra n. gen., *C. aroa* n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (393).

Dendrolimus pini L. und *D. segregatus* Butl. **Petersen**, W. Rev. russ. ent., Jaroslavlĭ, **4**, 4, 1904, (163–166, mit 2 Abt.).

Gloveria coronada n. sp. Arizona. **Barnes**, L. Canad. Ent., Toronto, **36**, 1904, (268).

Isostigena n. gen., *Lasiocampidae, I. bicellata* n. sp. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (395).

Lasiocampa pini, its natural history, etc. **Grönberg**, G. Tidskr. f. Skogsh., Stockholm, **31**, 1903, (195–214, with pl.); *L. pini* in Norway. **Meves**, J. Entomol. Tidskr., Stockholm, **24**, 1903, (229–230); Upps. Prakt. Entomol., Stockholm, **13**, 1903, (69–70); *L. pini*, dangerous to the Swedish pine-forests. **Ortenblad**, T. Skogsvännen, Stockholm, **3**, 1903, (82–83); *L. potatoria*, ein Zwitter von. **Hofmann**, R. Ed. Nat-Cab., Grünberg, **1902**, (194–195); *L. quercus* L. v. *sicula* Stgr. ab. *gauckleri* n. **Kabis**, G. Ent. Zs., Guben, **17**, 1904, (93); *L. quercus* var. *sicula* Stdgr. ♂ × var. *alpina* Frey ♀, Rückkreuzung mit *Las. quercus* var. *sicula* Stdgr. **Schultz**, O. *l.c.* **17**, 1903, (1–2).

Lonomia bethulia n. sp. Peru. **Druce**, H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (247).

Malacosoma neustria, variation, colour and food. **Douglas**, J. Entomologist, London, **1904**, (43).

Mallocampa n. gen., type *Eutricha audea* Druce **Aurivillius**, C. Entomol. Tidskr., Stockholm, **23**, 1902, (285–287).

Odonestis centralistrigata n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (397).

Opsirhina aroa n. sp. New Guinea. **Bethune-Baker,** G. T. *l.c.* (395).

Ormiscodes radama, O. ? choba nn. spp. Peru. **Druce,** H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (245).

Pachypasa (Pachuna) marshalli n. sp. Mashonaland. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **23,** 1902, (281).

Sporostigena n. gen., *S. uniformis* n. sp. New Guinea. **Bethune-Baker,** G. T. Nov. Zool., Tring, **11,** 1904, (396).

Stibolepis hologramma n. sp. Mashonaland. **Aurivillius,** C. London, Trans. Ent. Soc., **1904,** (697, pl. XXXIII, fig. 7).

Taragama nn. spp. Kamerun. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **23,** 1902, (275–278, with pl.); *T.* nn. spp. New Guinea. **Bethune-Baker,** G. T. Nov. Zool., Tring, **11,** 1904, (394, pl. IV).

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General.

Barbey, A. Observation biologique. Paris, Bul. soc. ent., **1903,** (167–168).

Turner, A. J. A classification of the Australian *Lymantriadae.* London, Trans. Ent. Soc., **1904,** (469–481).

Special.

Anthela nn. spp. Australia. **Turner,** A. J. London, Trans. Ent Soc., **1904,** (480–481); *A. ekeikei* n. sp. New Guinea. **Bethune-Baker,** G. T. Nov. Zool., Tring, **11,** 1904, (403).

Axiologa n. gen. **Turner,** A. J. London, Trans. Ent. Soc., **1904,** (477).

Caviria dinawa n. sp. New Guinea. **Bethune-Baker,** G. T. Nov. Zool., Tring, **11,** 1904, (397).

Dasychira nn. spp. New Guinea. **Bethune-Baker,** G. T. *l.c.* (404–405); *D.* nn. spp. Ashanti. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (144–146); *D. angelus* n. sp. **Četverikov,** S. Rev. russ. ent., Jaroslavlʹ, **4,** 2-3, 1904, (77–79).

Dasychiroides n. gen., *D. brunneostrigata, D. bicolora, D. pratti, D. nigrostrigata, D. obsoleta* nn. spp. New Guinea. **Bethune-Baker,** G. T. Nov. Zool., Tring, **11,** 1904, (405–407).

Diversosexus n. gen., *D. aroa, D. bicolor* nn. spp. New Guinea. **Bethune-Baker,** G. T. *l.c.* (402–403).

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Girpa notata Holl. transferred to *Geodena.* **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (151).

Heteronygmia manicata Auriv. (as *Lymantria*) = (*rhodapicata* Holl.). **Swinhoe,** C. *l.c.* (146).

Imaus nn. spp. New Guinea. **Bethune-Baker,** G. T, Nov. Zool., Tring, **11,** 1904, (409–411).

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Liparis monacha, its appearance at Fiholm. **Meves,** J. Entomol. Tidskr., Stockholm, **23,** 1902, (238–240).

Lomadonta nn. spp. W. Africa. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (146–147).

Lymantria nn. spp. New Guinea. **Bethune-Baker,** G. T. Nov. Zool., Tring, **11,** 1904, (407–408); *L. monacha* Lin., biology, parasites and diseases. **Bengtsson,** S. Entomol. Tidskr., Stockholm, **23,** 1902, (125–194, with pl.);

Upps. Prakt. Entomol., Stockholm, **12**, 1902, (67–136, with pl.); *L. monacha* in Sweden 1898–1902. **Meves**, J. Tidskr. f. Skogsh., Stockholm, **31**, 1903, (23–35).

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Geodena quadriguttata, synonymy and nn. spp. **Swinhoe**, C. London, Trans. Ent Soc., **1904**, (148–150).

Xylecata n. gen., *Deilemerinae*, *X. druna* n. sp., including *Nyctemera simplex* Walk. **Swinhoe**, C. *l.c.* (148).

ARCTIIDAE.

Acatapaustus n. gen., *A. basifusca*, *A. ekeikei* nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (415–416).

Acco n. gen., *Lithosiinae*, *A. bicolora* n. sp. **Bethune-Baker**, G. T. *l.c.* (418).

Agylla hampsoni n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (358).

Anaxita lysandra n. sp. Peru. **Druce**, H. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (242).

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Arctia caja L., appareil digestif. **Bordas**, L. Paris, C.-R. soc. biol., **55**, 1903, (676–677); *A. caja* ab. *futura* Fick., ab. *dealbata* n. ab. **Schultz**, O. Ent. Zs., Guben, **18**, 1904, (101–102); *A. maculosa* var. *sojota* n. var. Mongolia. **Četverikov**, S. Rev. Russ. Ent., Jaroslavlĭ, **4**, 1904, (79); *A. villica*, Variabilität. **Schultz**, O. Ent. Zs., Guben, **18**, 1904, (105, 109–112, 113–114).

Asura nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (424–426).

Asuridia ridibunda n. sp. Java. **Piepers**, M. C. and **Snellen**, P. O. T. s' Gravenhage, Tijdschr. Ent., **47**, 1904, (136–167).

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Byrsia amoena: guizonis n. subsp. **Jordan**, K. Nov. Zool., Tring, **11**, 1904, (443).

Callimorpha coccinea n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (151).

Caprimima choiseuli n. sp. Solomon Islands. *C. coerulescens: mononis* n. subsp. **Jordan**, K. Nov. Zool., Tring, **11**, 1904, (443).

Carcinopodia onychipodioides n. sp. Angola. **Heyn**, K. Ent. Zs., Guben, **17**, 1903, (27–28).

Celama nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (pl. V, figs. 39–42).

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Chrysaeglia bipunctata n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (420).

Chrysoscota flavostrigata n. sp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (417).

Cleolosia aroa n. sp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (424).

Clerckia securizonis: guizonis n. subsp. **Jordan**, K. *l.c.* (442).

Deilemera nn. spp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (411–412); *D. rattrayi* n. sp. Uganda. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (147); *D. eddela* n. sp. Engano. **Swinhoe**, C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (420).

Diacrisia nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (412–413); *D. (Spilosoma) mendica* Cl. ab. *rustiae*, capture

d'un mâle à Vannes. **Joannis**, J. de. Paris, Bull. soc. ent., **1903**, (226); *D. sanio* var. *caucasica* n. var. **Šaposnikov**, Ch. G. St. Peterburg, Ann. Mus. Zool. Ac. Sc., **9**, 1904, (253).

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Garudinistis aroa n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (422).

Gnophaela clappiana, *ruidosensis* n. idiomorph. **Cockerell**, T. D. A. Entomologist, London, **1904**, (213).

Graphosia ochracea n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, 11, **1904**, (415).

Halesidota albipennis n. sp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (166).

Halone flavopunctata n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (421).

Hylemera funesta Warr. transferred to *Geodena*. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (149).

Ilema nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (419–420).

Ischnocampa tovia n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (115).

Lambula nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (416).

Lyclene peloa n. sp. Sumatra. **Swinhoe**, C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (420).

Macaduna nn. spp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (421).

Maenas punctatostrigata n. sp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (412).

Miltochrista retusta n. sp. Java. **Piepers**, M. C. and **Snellen**, P. O. T. 's Gravenhage, Tijdschr. Ent., **47**, 1904, (136–167).

Nishada melanopa n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (417).

Oconistis bicolora n. sp. **Bethune-Baker**, G. T. *l.c.* (420).

Paradohertya n. gen., *Lithosiinae*, *P. trifascia* n. sp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (421).

Parasemia plantaginis L. ab. (var.?) *henrichoviensis* m. **Schultz**, O. Ent. Zs., Guben, **18**, 1904, (85); *P. plantaginis*, Hermaphroditismus. **Löffler**, C. *l.c.* (18–19).

Phragmatobia fuliginosa, habits, distribution, variation, etc. **Tutt**, J. W. Ent. Rec., London, **16**, 1904, (58–67); **Dollman**, J. C. *l.c.* (114–116); **Bacot**, A. W. *l.c.* (176–182); *P. sordida* Zwitter. **Hyckel**, J. Ent. Zs., Guben, **18**, 1904, (56).

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Pygarctia neomexicana n. sp. Texas. **Barnes**, W. Canad. Ent., Toronto, **36**, 1904, (166).

Roeselia basifusca n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (415).

Scaptesyle nn. spp. Java. **Piepers**, M. C. and **Snellen**, P. O. T. 's Gravenhage, Tijdschr., Ent., **47**, 1904, (149–150); *S. aroa* n. sp. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (422).

Schistophleps nn. spp. **Bethune-Baker**, G. T. *l.c.* (426).

Scoliacma nn. spp. New Guinea. **Bethune-Baker**, G. T. *l.c.* (416–417).

Spilosoma mendica Cl. und var. *rustica* Hb., sowie über die vermutete Mimikry der ersteren. **Federley**, H. Allg. Zs. Ent., Neudamm, **9**, 1904, (178–181).

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Burgena splendida : pectoralis n. subspp. **Jordan**, K. *l.c.* (444).

Enydra, Uebersicht der Arten, *E. karschi* n. sp. Centralafrika. **Bartel**, M. Wien, Verh. ZoolBot. Ges., **53**, 1903, (120-130).

Godasia sidae var. *orientalis* n. var. **Bartel**, M. *l.c.* (120–130).

Pais ansorgei n sp. Africa. **Jordan**, K. Nov. Zool., Tring, **11**, 1904, (445); *P. moldaenkei* Dew., Beschreibung, *P. nyassana* n. sp. Centralafrika. **Bartel**, M. Wien, Verh. ZoolBot. Ges., **53**, 1903, (120-130).

Pseudopais n. gen., *P. nigrobasalis* n. sp. Centralafrika. **Bartel**, M. *l.c.* (120–130).

Pseudospiris jucunda n. sp. Angola. **Jordan**, K. Nov. Zool., Tring, **11**, 1904, (444).

Rothia mariae n. sp. Uganda. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (139).

Syfancidea n. gen., *S. schenki* n. sp. Natal. **Bartel**, M. Wien, Verh. ZoolBot. Ges., **53**, 1903, (120–130).

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Abraxas grossulariata nn. abb. **G[illmer**, M.]. Ent. Zs., Guben, **17**, 1903, (9–10); *A. macularia* n. sp., *A. grossulariata* L. var. *minor* n. var. **Herz**, O. St. Peterburg, Ann. Mus. Zool. Ac. Sc., **9**, 1904, (353); *A. transvisata* n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (543).

Acidalia emutaria, egg and young larva. **Sich**, A. Entomologist, London, **1904**, (108–109).

Acrosemia dichorda n. sp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (177).

Acrotomodes lichenifera n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (564).

Aeschropteryx nn. spp. Mexico. **Warren**, W. *l.c.* (128); *A. praecurvata* n. sp. Paraquay. **Warren**, W. *l.c.* (564).

Agathia elenaria n. sp. Old Calabar. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (542); *A. pauper* n. sp. Warri. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (463).

Agraptochlora nn. spp. Angola. **Warren**, W. *l.c.* (463–464).

Alcis huamani n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (363).

Aletis rubricaput n. sp. Gold Coast. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (578).

Alex aurantiata n. sp. Obi. **Warren**, W. Nov. Zool., Tring, **11**, **1904**, (484).

Amaurinia nn. spp. S. America. **Warren**, W. *l.c.* (81, 525, 526).

Ameria seminigra n. sp. Peru. **Warren**, W. *l.c.* (81).

Amphidasis betularia L. Zwitter ab. *doubledayaria* Mill., zwei eigenartige Falter *betularia-doubledayaria*. **Humpert.** Ent. Zs., Guben, **17**, 1903, (12 u. 1 S. der Beilage, 14).

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Anapalta n. gen. *Hydriomeninae*, *A. perdecora*, *A. roscoliva*, *A. sombrera*, *A. violetta*, *A. subfusca* nn. spp. S. America. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (43-45, 576); *A. ruficoesia* n. sp. Argentine. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (359).

Anisodes nn. spp. S. America. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (27–31); *A.* nn. spp. Peru. **Warren**, W. *l.c.* (507–510).

Anisolasia n. gen. *Hydriomeninae*, for *Cataclysma napassa* Dogn. **Warren**, W. *l.c.* (46).

Anisoperas nn. spp. S. America. **Warren**, W. *l.c.* (129); *A.* nn. spp. America. **Warren**, W. *l.c.* (564–565).

Aphilopota ambusta n. sp. Angola. **Warren**, W. *l.c.* (472).

Apicia distinguished from *Caberodes*, *A. frachlineata* ♂, *A. subfasciata* ab., *obscurata* n. ab. **Warren**, W. *l.c.* (130); *A.* nn. spp. S. America. **Warren**, W. *l.c.* (566).

Apiciopsis n. gen. near *Apicia*, *A. angusta*, *A. obliquaria* nn. spp. S. America. **Warren**, W. *l.c.* (131).

Aplodes punctata n. sp. Jamaica. **Warren**, W. *l.c.* (19); *A. rubifrontaria* Packard var. *darwiniata* n. var. British Columbia. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (779–938).

Aplorama n. gen., type *Byssodes nazada* Druce. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (91).

Archichlora marcescens n. sp. Niger. **Warren**, W. *l.c.* (465).

Argyrotome ferruginea var. *albinata* n. var. **Warren**, W. *l.c.* (93).

Arhodia modesta n. sp. Townsville. **Warren**, W. *l.c.* (485).

Asestra ustularia n. sp. Bolivia. **Warren**, W. *l.c.* (132).

Asthena euthecta n. sp., *A. pulchraria* Dbld. var. *decolor* n. var. Australia. **Turner**, A. J. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (243).

Astyochia membranacea n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (545); *A. subliturata* n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (120–121).

Axiodes, definition amended. *A. ennomaria* n. sp. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (480).

Azelina nn. spp. S. America. **Warren**, W. *l.c.* (132–133); *A.* nn. spp. Peru. **Warren**, W. *l.c.* (566–567); *A. vulpecula* n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (369).

Bassania fortis n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (567).

Biston. **Decker**, F. Ent. Zs., Guben, **17**, 1903, (21–22, 25–26); *B. calaria* n. sp. E. Africa. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (527); *B. hiosarius* ♂ × *pomonarius* . **Decker**, F. Ent. Zs., Guben, **17**, 1903, (3-4); *B. pilzii* Stdfs. Hybridus *Biston hirtaria* Cl ♂ × *B. pomonaria* Hb. ♀. **Kabis**, G. *l.c.* **18**, 1904, (31).

Blechroma nn. spp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (502, 503).

Boarmia nn. spp. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (532, 533); *B. aroensis* n. sp. New Guinea. **Rothschild**, *Hon.* W. Nov. Zool., Tring, **11**, 1904, (322, pl. III, fig. 29); *B. cilicornaria* n. sp. **Püngeler**, R. D. ent Zs. Iris, Berlin, **16**, (1903), 1904, (296); *B. consortaria* Fabr. var. *marginata* n. var. **Herz**, O. St. Peterburg, Ann. Mus. Zool. Ac. Sc., **9**, 1904, (372); *B. selenaria*, larval habits. **Stebbing**, E. P. London, J. Linn. Soc., **29**, 1904, (154, pl. XVIIIB).

Bonatea maculata n. sp. Bolivia. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (367–368); *B. viridilinea* n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (568).

Bordeta aroensis n. sp. New Guinea. **Rothschild**, *Hon.* W. *l.c.* (319, pl. III, fig. 37).

Brabirodes n. gen. *Tephroclystiinae*, *B. peruviana* n. sp. **Warren**, W. *l.c.* (528).

Brachyctenistis n. gen. *Ennominae*, *B. undilinea* n. sp. Peru. **Warren**, W. *l.c.* (133, 134).

Brachystichia n. gen. near *Apicia*, *B. nitida* n. sp. Paraguay. **Warren**, W. *l.c.* (134).

Brachytrita n. gen., *Orthostixinae*, *B. cervinaria* n. sp. E. Africa. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (576).

Bronchelia fumistrata n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (550).

Bryoptera nn. spp. Peru. **Warren**, W. *l.c.* (107); *l.c.* (551).

Buttia n. gen. *Prosopolophinae*, *B. noctuodes* n. sp. S. Africa. **Warren**, W. *l.c.* (481).

Cabira lignicolor n. sp. Peru. **Warren**, W. *l.c.* (125).

Callipia nn. spp. S. America. **Warren**, W. *l.c.* (79–80); *l.c.* (538–539).

Callipneustes nn. spp. Bolivia. **Warren**, W. *l.c.* (116).

Calocalpe nn. spp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (361–362).

Calyptocome nn. spp. S. America. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (32–33).

Cambogia nn. spp. S. America. **Warren**, W. *l.c.* (82–85).

Campylona nn. spp. S. America. **Warren**, W. *l.c.* (14); *l.c.* (500).

Caradrinopsis n. gen., *C. obscuraria* n. sp. E. Africa. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (534).

Caripeta interalbicans n. sp. Colorado. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (135).

Catascia haydenata ab. *obliterata* n. ab. **Warren**, W. *l.c.* (115).

Celerena substigmaria n. sp. Cobi. **Warren**, W. *l.c.* (485).

Certima nn. spp. S. America. **Warren**, W. *l.c.* (135–136 568–569); *C. nummifera* to *Crenothalia*. **Warren**, W. *l.c.* (559).

Cheimatobia brumata, destructive in gardens. **Tullgren**, A. Stockholm, Tidning Stockholms Hush.-Sällsk., **1904**, (121–128).

Chesias spartiata var. *capriata* n. var. **Prout**, L. B. Entomologist, London, **1904**, (60).

Chlorochacta n. gen., *Geometrinae*, *C. longipennis* n. sp. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (464.)

Chloroclystis nn. spp. Australia. **Turner**, A. J. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (231–234); *C. chloerata* Mab. v. *hadenata* Fuchs, new for Scandinavia. **Strand**, E. Entomol. Tidskr., Stockholm, **23**, 1902, (48); *C. fulminea* Dogu. to *Eschnopteris*, description. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (118); *C. microptilota* n. sp. Peru. **Warren**, W. *l.c.* (86); *C. sierraria* n. sp. W. Africa. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (573).

Chogada acaciaria abb. *flavipeta*, *fumata* nn. abb. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (474).

Chrysocraspeda nn. spp. Africa. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (562–564); *C. leighata* n. sp. Durban. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (466).

Cidariophanes mamestrina n. sp. Peru. **Warren**, W. *l.c.* (556).

Cimicodes ruptimacula n. sp. Bolivia. **Warren**, W. *l.c.* (137).

Cleora gracilis n. sp. Jamaica. **Warren**, W. *l.c.* (107).

Cnephora falcata n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (368–369).

Coenina dentataria n. sp. Abyssinia. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (513).

Coenocalpe elongata n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (360–361).

Colpodonta phyllodontaria n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (569).

Comibaena flavidisca n. sp. Peru. **Warren**, W. *l.c.* (20).

Cophocerotis nn. spp. Peru. **Warren**, W. *l.c.* (539, 540); *C. instar* n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (362).

Coptopteryx nigraria n. sp. W. Africa. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (544).

Coremia ferrugata var. **Woodbridge**, F. E. Entomologist, London, **1904**, (10).

Cosymbia anandaria n. sp. Trop. Africa. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (561).

Craspedia nn. spp. S. America. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (33–36); *C. cymiphora* n. sp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (179).

Cratoptera subcitrina n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (137).

Crocopteryx aurora n. sp. Peru. **Warren**, W. *l.c.* (570).

Cryptoloba dentifascia n. sp. India. **Warren**, W. *l.c.* (489).

Cusiala? pulverosa n. sp. Natal. **Warren**, W. *l.c.* (472).

Cyllopoda chibcha ab. *cuneifera* n. ab., *C. augustistriga* n. sp. **Warren**, W. *l.c.* (15).

Cymatophora commaculata Warren, to *Melanoscia* nn. spp. **Warren**, W. *l.c.* (108, 552–553, 555); *C. (?) chanchani* n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (364–365); *C. matilda* n. sp. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (779–938).

Darna nn. spp. S. America. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (15); *l.c.* (500, 501).

Dasysterna n. gen. for *Phytometra tristis*. **Turner**, A. J. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (277).

Dasyuris nn. spp. Australia. **Turner**, A. J. *l.c.* (275).

Deinopygia n. gen. near *Ptychopoda*, *D. caudata* n. sp. Venezuela. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (511).

Devarodes n. gen., *Braccinae*, *D. albibasis*, *D. semialbata*, *D. vestigiata*, *D. subtincta* nn. spp. S. America. **Warren**, W. *l.c.* (97, 544).

Diactinia albinodosa n. sp. Peru. **Warren**, W. *l.c.* (46).

Diceratucha n. gen. for *Oenone xenopis* Low. **Swinhoe**, C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (133).

Dichorda nn. spp. Mexico. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (503).

Dichromatopodia distans n. sp. Santa Marta. **Warren**, W. *l.c.* (36).

Diploctena n. gen., *D. argocyma* n. sp. **Turner**, A. J. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (269).

Dolichopyge nn. spp. S. America. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (46, 47).

Drepanodes fulvilinea n. sp. Peru. **Warren**, W. *l.c.* (138).

Drucia latimargo n. sp. Peru. **Warren**, W. *l.c.* (20).

Durbana n. gen. for *Fidonia setinata* Feld. **Warren**, W. *l.c.* (470).

Dyscia Hub. = (*Scodonia* auctt.) nn. spp. S. Africa. **Warren**, W. *l.c.* (476).

Dysphania nn. spp. **Bastelberger**, [M. J.]. Ent. Zs., Guben, **18**, 1904, (115–116); *D.* nn. spp. Sumatra. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (485, 486).

Dyspteris parvula n. sp. Brit. Guiana. **Warren**, W. *l.c.* (527).

Ectropis nacaria n. sp. Ashanti. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (530); *E. subaurata* to *Myriophlepara*, *E. fulvitincta* n. sp. Durban. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (474, 475).

Ellopia prosopiaria var. *ochrearia* n. var. **Joannis**, J. de. Paris, Bull. soc. ent., **1903**, (231–232).

Elphos picaria n. sp. Celebes. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (490).

Emmiltis nn. spp. Africa and Madagascar. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (554–558); *E. (Craspedia)* nn. spp. Africa and S. America. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (466–467, 512).

Emplocia = (*Devara* Walk.), *E. caliadata* n. sp. Peru. **Warren**, W. *l.c.* (96–97).

Encoma n. gen., *E. irisaria* n. sp. Uganda. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (523).

Entogonia n. gen., *Oenochrominae*, *E. schistacea* n. sp. Bolivia. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (12).

Ephialtas fornax ab. *latimargo* n. ab. **Warren**, W. *l.c.* (16).

Epione advenaria Hübn. ab. *fulva*, Gillmer n. ab. Ent. Zs., Guben, **17**, 1904, (80); Gillmer, M. Nachtrag dazu v. H. Schultz, ebenda, **18**, 1904, (49).

Epirrhoe heliopharia n. sp. Uganda. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (569); *E. limitata* n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (517).

Episothalma kabaria n. sp. W. Africa. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (541).

Erateina caeruleopicta n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (536).

Erebochlora ruficostaria with var. *pernigrata*, *E. sublactea* nn. spp. Peru. **Warren**, W. *l.c.* (47, 48); *E. ruficostaria* ab. *semifumata* n. ab. **Warren**, W. *l.c.* (517).

Erilophodes indistincta n. sp. Santa Marta. **Warren**, W. *l.c.* (173).

Eriopygidia nn. spp. Peru, Argentina. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (359–360); *E.* nn. spp. S. America. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (49–50, 518); *E. isolata* Kaye (as *Arima*) = *engelkei* Warr., *E. rufivena* ♀. **Warren**, W. *l.c.* (517).

Erosia dilacerata Guen. to *Gathynia*. **Warren**, W. *l.c.* (495).

Eubolia semilutata ab. *fuscata* n. ab. **Herz**, O. St. Peterburg, Ann. Mus. Zool. Ac. Sc., **9**, 1904, (374–375).

Eubordeta n. gen., including *Bordeta hypocala* and *E. meeki*, *E. eichhorni*, *E. miranda* nn. spp. **Rothschild**, *Hon.* W. Nov. Zool., Tring, **11**, 1904, (310–322).

Eucestia neddaria n. sp. Uganda. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (574).

Euchloris hetcrospila n. sp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (178).

Euchontha nn. spp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (16).

Eucymatoge nn. spp. Australia **Turner**, A. J. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (247, 248); *E.* nn. spp. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (86, 528–529).

Eudule nn. spp. S. America. **Warren**, W. *l.c.* (81, 541).

Eulype albifusa n. sp. Philippines. **Swinhoe**, C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (134).

Euomoea carneata n. sp. S. Africa. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (481).

Eupagia nigerrima n. sp. Abyssinia. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (526).

Eupithecia nn. spp. **Dietze**, K. D. ent. Zs. Iris, Berlin, **16**, (1903), **1904**, (331–387, mit 3 Taf.).

Eusenea castanea n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (570).

Eutomopepla brunnea n. sp. Bolivia. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (366); *E. fulgorifera* n. sp. Bolivia. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (139).

Exelis extorris n. sp. Natal, Colorado. **Warren**, W. *l.c.* (482); *E. fumida* n. sp. America. **Warren**, W. *l.c.* (581).

Fisera perplexata = (*Criomacha belidearia* Feld.). **Warren**, W. *l.c.* (492).

Fulgurodes subnotata n. sp. Peru. **Warren**, W. *l.c.* (545).

Gabriola n. gen., *G. dyari* n. sp. **Taylor**, G. W. Canad. Ent., Toronto, **36**, 1904, (255–256).

Gagitodes plumbinotata n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (519).

Gastrina Guen. = (*Passa* Walk.), *G. serrata* Walk. (as *Xylina*) = *denticulata* Swinh.). **Swinhoe**, C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (133).

Gelasma stigmatica n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (20).

Geolyces rufaria n. sp. Old Calabar. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (519).

Gnophos nn. spp. **Püngeler**, R. D. ent. Zs. Iris, Berlin, **16**, (1903), 1904, (297–298); *G. iveni* Ersch., n. ab. der paläarktischen Lepidopterenfauna. **Fuchs**, A. Wiesbaden, Jarb. Ver. Natk., **58**, 1903, (51–54); *G. myrtilla* ab. *ana-*

stomosis n. ab. **Strand,** E. Nyt Mag. Naturv., Kristiania, **42,** 1904, (142); *G. obfuscata, O. glaucinaria,* distinctions. **Prout,** L. B. Ent. Rec., London, **16,** 1904, (121); *G. operaria* Hb. var., *hoefneri* n. var. **Rebel,** H. Wien, Verh. ZoolBot. Ges., **53,** 1903, (425–426).

Gonanticlea subpilosa n. sp. Bayan. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (488).

Gonochlora n. gen. near *Iodis, G. minutaria* n. sp. Sierra Leone. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (548).

Gonodela nn. spp. Africa. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (479).

Gonodontis nn. spp. Trop. Africa. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (526, 527); *G. bidentata* var. *exsul* n. var. Mongolia. **Četverikov,** S. Rev. Russ. Ent., Jaroslavlʹ, **4,** 1904, (78).

Gymnoscelis nn. spp. Australia. **Turner,** A. J. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16,** 1904, (224, 226, 227).

Gyostega n. gen., *Palyadinea, G. floccosa* n. sp. Peru. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (93–94).

Haemalea atridiscata n. sp. Peru. **Warren,** W. *l.c.* (37).

Haggardia n. gen. for part of *Eubyja, H. melanostigma* n. sp. Angola. **Warren,** W. *l.c.* (473).

Hammaptera nn. spp. S. America. **Warren,** W. *l.c.* (51–53).

Hemerophila brunnearia n. sp. **Herz,** O. St. Peterburg, Ann. Mus. Zool. Ac. Sc., **9,** 1904, (367–368); *H. mailaria* n. sp. Congo. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (535).

Hemerophila v. also Tineidae.

Hemicopsis n. gen., *H. purpuraria* n. sp. E. Africa. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (525, 526).

Hemigymnodes, characters and position. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (17).

Hemioplisis nn. spp. Peru. **Warren,** W. *l.c.* (5–6).

Hemithea sapoliaria n. sp. Mombasa. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (517).

Hemixera n. gen., *Ennominae, H. orthosioides* n. sp. Peru. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (139).

Herbita nn. spp. Mexico. **Warren,** W. *l.c.* (140).

Heterephyra pustulata n. sp. Peru. **Warren,** W. *l.c.* (37).

Hetererannis n. gen., type *Boarmia obliquaria* Grote. **Warren,** W. *l.c.* (106).

Heteroleuca n. gen., *Nephodiinae, H. albida* n. sp. Peru. **Warren,** W. *l.c.* (101).

Heterolocha xerophilaria n. sp. **Püngeler,** H. D. ent. Zs. Iris, Berlin, **16,** (1903), 1904, (265).

Heterorachis rubella n. sp. Niger. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (465).

Heterusia nn. spp. S. America. **Warren,** W. *l.c.* (89–91, 536, 537); *H. picata* n. sp. Bolivia. **Dognin,** P. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (120); *H. semiflava* n. sp. New Guinea. **Jordan,** K. Nov. Zool., Tring, **11,** 1904, (447).

Himerominia n. gen. for *Mecoceras aulis* Druce. **Warren,** W. *l.c.* (141).

Hirasa? denticulata n. sp. Natal. **Warren,** W. *l.c.* (473).

Hyalopola n. nom. for *Hyalospila* Warr. **Warren,** W. *l.c.* (101).

Hyalorrhoë n. gen. near *Prohydata H. stigmatica* n. sp. **Warren,** W. *l.c.* (21).

Hydata diaphana n. sp. Peru. **Warren,** W. *l.c.* (86).

Hydatocapnia subapicata n. sp. Niger. **Warren,** W. *l.c.* (469).

Hydatoscia n. gen., type *Trygodes ategna* Druce. **Warren,** W. *l.c.* (101).

Hydriomena nn. spp. America. **Warren,** W. *l.c.* (53, 519); *H.* nn. spp. Australia. **Turner,** A. J. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16,** 1904, (253–265).

Hygrochroma nn. spp. S. America. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (141–142, 571).

Hylemera nn. spp. Niger. **Warren,** W. *l.c.* (471–472).

Hymenomima nn. spp. Peru. **Warren,** W. *l.c.* (109–110).

Hyperythra rubricata not a var. of *lutea,* ab. *decolor* n. ab. **Warren,** W. *l.c.* (491).

Hyphedyle subornata n. sp. Peru. **Warren,** W. *l.c.* (499).

Hyphenophora aemonia n. sp. Uganda. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (498).

Hypochrosis aetionaria n. sp. Madagascar. **Swinhoe,** C. *l.c.* (522).

Hypolepis n. gen. near *Psaliodes*, *H. albistriga*, *H. castanea*, *H. conspersata*, *H. plumbescens*, *H. prunicolor*, *H. sordida*, *H. strigosa* nn. spp. Peru. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (51–57); *H. brunneata*, *H. completa* nn. spp. *l.c.* (520).

Hypometalla n. gen. for *Acidalia mimetaria* Feld. **Warren,** W. *l.c.* (563).

Hyposidra smithi n. sp. Congo. **Warren,** W. *l.c.* (480).

Ira nn. spp. S. America. **Warren,** W. *l.c.* (142–145).

Iridopsis nn. spp. Argentina. **Dognin,** P. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (363–364); *I. commixtata* n. sp. Tucuman. **Dognin,** P. *l.c.* (121); *I. schistacea* ab. *radiata* n. ab.; nn. spp. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (553–554, 110, 111).

Ischnopteris nn. spp. Peru. **Warren,** W. *l.c.* (116–118, 556–558).

Ischnopteryx viriosa n. sp. Peru. **Dognin,** P. Bruxelles, Ann. soc. ent. Belgique, **48,** 1904, (365).

Isochromodes nn. spp. Peru. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (146–151, 572–573).

Isodiscodes n. gen., *Hydriomeninae*, *I. polycyma* n. sp. Peru. **Warren,** W. *l.c.* (521).

Josia nn. spp. S. America **Warren,** W. *l.c.* (17–18).

Lampropteryx trilineata n. sp. Colorado. **Warren,** W. *l.c.* (57).

Larentia nn. spp. **Püngeler,** R. D. ent. Zs. Iris, Berlin, **16,** (1903), 1904, (292–294); *L. bilineata*, Variabilität. **Aigner-Abafi,** L. von. Wien, Verh. ZoolBot. Ges., **53,** 1903, (162–166); *L. multistrigaria* varr. **Tutt,** J. W. Ent. Rec., London, **16,** 1904, (303–305); *L. sordidata* F. ab. *constricta* n. ab. **Strand,** E. Nyt Mag. Naturv., Kristiania, **42,** 1904, (140).

Lasiops (?) *puechi* n. sp. Peru. **Dognin,** P. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (368).

Leucoctenorrhoë n. gen. near *Amaurinia*, *L. quadrilinea* n. sp. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (526, 527).

Leucolithodes n. gen. for *Bryoptera pantherata* Feld. **Warren,** W. *l.c.* (582).

Leuconotha persordida n. sp. Bolivia. **Warren,** W. *l.c.* (6).

Leucoreas n. gen. *Oenochrominae*, *L. rhodosticta* n. sp. Peru. **Warren,** W. *l.c.* (13).

Leuculopsis approximans n. sp. Peru. **Dognin,** P. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (362–363).

Ligonia bottgeri n. sp. Peru. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (513).

Lipomelia nn. spp. S. America. **Warren,** W. *l.c.* (37–38).

Lissochlora nn. spp. S. America. **Warren,** W. *l.c.* (21, 504).

Lomographa nn. spp. S. America. **Warren,** W. *l.c.* (92).

Lophochorista n. gen. near *Hyduta* for *Racheospila calliope* Druce. **Warren,** W. *l.c.* (22).

Loxapicia n. gen. for part of *Apicia*, *L. straminea*, *L. humerata* nn. spp. S. America **Warren,** W. *l.c.* (152).

Loxaspilates bluethgeni n. sp. **Püngeler,** R. D. ent. Zs. Iris, Berlin, **16,** (1903), 1904, (299).

Lozogramma nn. spp. Colorado. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (561).

Luxiaria pudens n. sp. Niger. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (504).

Lycauges nn. spp. Trop. Africa. **Swinhoe,** C. *l.c.* (553).

Lygris peloponnesiaca Rbl., ihre Entwicklung und Gewohnheiten. **Holtz,** M. Insektenbörse, Leipzig, **21,** 1904, (148–149).

Macaria bifilaria n. sp. Bahamas. **Hampson,** *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (176); *M. minorata* Packard var. *incolorata* n. sp. British Columbia. **Dyar,** H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27,** 1904, (906).

Malacodea regelaria, dans les environs de St. Pétersbourg. **Kuznecov**, N. J. Rev. russ. ent., Jaroslavlĭ, **4**, No. 1, 1904, (40–43, av. 2 figs.).

Melanippe rivata, *M. fluctuata* varr. **Woodbridge**. Entomologist, London, **1904**, (9, with figs.).

Melanolophia canadaria Guenée, var. *subgenericata* n. var. British Columbia. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (910).

Melanoscia n. gen. near *Iridopsis*, *M. occlusa*, *M. felina*, *M. albimacula* nn. spp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (111–113).

Melinodes nn. spp. S. America. **Warren**, W. *l.c.* (153, 573).

Melochlora nn. spp. Peru. **Warren**, W. *l.c.* (22, 504).

Mervcausta purpurnria n. sp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (176).

Mesedra n. gen., including *Apicia venusta* Dogn., *M. confinis*, *M. subsequa*, *M. munda*, *M. juvenis*, *M. violacea*, nn. spp. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (153–155).

Mesoleuca simulata Hübner var. *otisi* n. var. British Columbia. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (898).

Mesotype virgata, new for Norway. **Strand**, E. Entomol. Tidskr., Stockholm, **23**, 1902, (47).

Metallochlora circumscripta n. sp. Solomon Islds. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (486).

Metanema fuliginosa n. sp. **Warren**, W. *l.c.* (156); transferred to *Mimogenodes*. *l.c.* (576).

Miantonota decorata n. sp. Huatuxco. **Warren**, W. *l.c.* (22); *M. nigrisquama* n. sp. Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (119).

Microdes diplodonta n. sp. Australia. **Turner**, A. J. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16**, 1904, (239).

Microgonia nn. spp. and nn. abb. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (156–160, 574–575); *M. affinis* ♀, *M. siccifolia* ♂, *M. umbrosa* var. *interclarata* n. var. **Warren**, W. *l.c.* (574–575); *M. diluta* n. sp. Paraguay. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (366).

Microxydia nn. spp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (160, 161, 575, 576).

Milionia nn. spp. New Guinea. **Rothschild**, *Hon.* W. *l.c.* (321).

Milocera n. gen. near *Psilocladia*, *M. horaria* n. sp. Madagascar. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**. (522).

Mimandria insularis n. sp. Madagascar. **Swinhoe**, C. *l.c.* (541).

Mimoprora n. gen. near *Isochromodes*, *M. rubra* n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (161).

Mimosema nn. spp. Peru. **Warren**, W. *l.c.* (162).

Mixopsis nn. spp. Peru. **Warren**, W. *l.c.* (162, 576); *M. leodorata* Guen. (as *Cirsodes*) = (*Laudonia typtaria* Feld.) **Warren**, W. *l.c.* (576).

Monroa n. gen. for *Cymatophora quinquelinearia* Pack. **Warren**, W. *l.c.* (555).

Morphomima n. gen. near *Coclura*, *M. fulvitacta* n. sp. Colombia. **Warren**, W. *l.c.* (8).

Nematocampa nn. spp. S. America. **Warren**, W. *l.c.* (163, 577).

Nemoria afflictaria n. sp. Sierra Leone. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (549).

Neobapta n. gen. *Deiliniinae*, *N. indecora* n. sp. Demarara. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (92–93).

Neocrasis heterograpta n. sp. Peru. **Warren**, W. *l.c.* (23).

Neodezia n. gen. for *Odezia albovittata*. **Warren**, W. *l.c.* (541).

Neodirades n. gen., *N. spurcata* n. sp. Peru. **Warren**, W. *l.c.* (8).

Neofidonia n. gen. *Ascotinae*, *N. nigristigma* n. sp. **Warren**, W. *l.c.* (113); *N. olivescens* n. sp. *l.c.* (555).

Neonemoria n. gen. near *Neocrasis*, *N. plana* n. sp. Bolivia. **Warren**, W. *l.c.* (23, 24).

Neopolita n. gen. *Deiliniinae*, *N. bisecta* n. sp. Angola **Warren**, W. *l.c.* (470).

Neotaxia n. gen., *N. plana* n. sp. Argentina. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (365–366).

Nipteria nn. spp. S. America. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (102–104, 546–550); *N. apicilineata* Dogn. to *Heteroleuca*. **Warren**, W. *l.c.* (545); *N. rotundata* n. sp. Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent Belgique, **48**, 1904, (362).

Nola cristatula, Lebensgeschichte. **Gauckler**, H. Insektenbörse, Leipzig, **21**, 1904, (283–284).

Nyssia lapponaria. **Cockayne**, E. A. Entomologist, London, **1904**, (149, 150, pl. VI); variation, *l.c.* (249).

Ochyria thorenaria n. sp. Madagascar. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (570).

Odontopera integraria Guen. to *Colotois*. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (479).

Odontoptila marginata n. sp. Bolivia. **Warren**, W. *l.c.* (38).

Oedicentra gerydaria n. sp. Ashanti. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (530).

Oenoptila nn. spp. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (120, 121, 559).

Oligopleura biplagiata n. sp. Peru. **Warren**, W. *l.c.* (58).

Oospila nn. spp. Peru. **Warren**, W. *l.c.* (24, 504, 505).

Ophthalmodes albata n. sp. Sumatra. **Warren**, W. *l.c.* (490).

Ophthalmophora nn. spp. **Warren**, W. *l.c.* (94–96).

Opisthoxia nn. spp. Mexico, Peru, Ecuador. **Warren**, W. *l.c.* (542, 543).

Oreonoma n. gen. near *Heterusia*, *O. submarmorata* n. sp. Peru. **Warren**, W. *l.c.* (538).

Ortholitha coarctica, habits. (Dutch). **Brants**, A. 's Gravenhage, Tijdschr. Ent., **47**, [1904], (63–68).

Paracomistis plumosa n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (578); *P. subtractata* ♀. **Warren**, W. *l.c.* (163).

Paracomucha n. gen. near *Entephria* for *Cidarea chalybearia* Moore. **Warren**, W. *l.c.* (488).

Paradoxodes n. gen. near *Pseustoplaca*, *P. subdecora* n. sp. Peru. **Warren**, W. *l.c.* (164).

Paraplodes n. gen. near *Aplodes*, *P. aurata* n. sp. **Warren**, W. *l.c.* (24–25).

Paromala n. gen. near *Perizoma*, *P. elongata* n. sp. Ecuador. **Warren**, W. *l.c.* (58).

Pergama semiusta var.? *latifascia*, *P. plenilunata* n. sp. **Warren**, W. *l.c.* (165).

Peribolodes n. gen. *Fidoniinae*, *P. bicolorata* n. sp. Brit. Guiana. **Warren**, W. *l.c.* (126).

Perigramma nn. spp. Bolivia. **Warren**, W. *l.c.* (104–105).

Perixera nn. spp. S. America. **Warren**, W. *l.c.* (487); *P. sublunata* n. sp. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (560).

Perizoma nn. spp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (59–60); *P. aspersa* n. sp. Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (359).

Pero olivacea n. sp. Tucuman. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (578).

Perusia nn. spp. Peru. **Warren**, W. *l.c.* (165–166); *P. subsordida* n. sp. Peru. **Warren**, W. *l.c.* (579).

Petelia nn. spp. Peru. **Warren**, W. *l.c.* (122–123); *P. glabra* n. sp. Niger. **Warren**, W. *l.c.* (476).

Petrodava marginata n. sp. Abyssinia. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (503).

Phaeochlaena bialbifera n. sp. Ecuador. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (18).

Phellinodes nn. spp. Bolivia. **Warren**, W. *l.c.* (14); *P.* nn. spp. S. America. **Warren**, W. *l.c.* (499).

Phlebosphales n. gen. near *Anticlea*, *P. engelkei* n. sp. **Warren**, W. *l.c.* (60, 61).

Phorodesma triangularia n. sp. Madagascar. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (551).

Phrygionis argyrosticta n. sp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (176); *P. modesta* n. sp. Minas

Geraes. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (91).

Phyllodonta nn. spp. Peru. **Warren,** W. *l.c.* (166–168); *P. pseudonyma* n. sp. Peru. **Warren,** W. *l.c.* (579); *P. songaria* var. *obscura* n. var. Bolivia. **Dognin,** P. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (366–367).

Pigia semicostata n. sp. Peru. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (39).

Pisoraca sanguinata n. sp. Durban. **Warren,** W. *l.c.* (467).

Plerocymia multilinearia n. sp. E. Africa. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (567).

Poecilochlora n. gen. *Geometrinae*, *P. minor* n. sp. Peru. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (505–506).

Polla quadrilineata to *Sphacelodes*. **Warren,** W. *l.c.* (172).

Polypoetes fuliginosa n. sp. Bolivia. **Dognin,** P. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (119); *P. picaria* n. sp. Peru. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (18).

Porona fidoniata n. sp. Peru. **Warren,** W. (560).

Prasinocyma nn. spp. Africa. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (544–545); *P.* nn. spp. Angola. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (465).

Problepsis flavistigma n. sp. Trop. Africa. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (564).

Probolosceles punctaria n. sp. Madagascar. **Swinhoe,** C. *l.c.* (550).

Procypha nn. spp. W. Africa. **Swinhoe,** C. *l.c.* (514–515).

Prostoma n. gen. *Scotopteryginae*, *P. fragilis* n. sp. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (123).

Provola n. gen. for *Aletis postica* Walker. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (538).

Psaliodes nn. spp. S. America. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (61–73); *P.* nn. spp., *P. serratilinea* to *Hypolepis*. **Warren,** W. *l.c.* (521–523); *P. laticlara* n. sp. Peru. **Dognin,** P. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (120).

Pseudapicia nn. spp. Peru. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (169–170).

Pseudasellodes n. gen. near *Asellodes*, *P. constellata* n. sp. Peru. **Warren,** W. *l.c.* (39–40).

Pseudocrocinis n. gen. type *Crocinis plana* Bull. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (518).

Pseudosterrha lucidaria n. sp. Trop. Africa. **Swinhoe,** C. *l.c.* (566).

Psilocerea nn. spp. Africa. **Swinhoe,** C. *l.c.* (520–521).

Psodopsis n. gen., *P. incommoda* n. sp. Bolivia. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (560).

Pterocypha abbreviata n. sp. Paraguay. **Warren,** W. *l.c.* (73).

Ptochophyle subumbrata n. sp. Niger. **Warren** W. *l.c.* (467).

Ptychopoda nn. spp. Trop. Africa. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (559); *P.* nn. spp. S. America. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (40–42); *P.* nn. spp. Africa. **Warren,** W. *l.c.* (468); *P.* nn. spp. Australia and Tonkin. **Warren,** W. *l.c.* (487–488); *P. taeniolata* n. sp. Peru. **Warren,** W. *l.c.* (513).

Pycnoneura convergens n. sp. Inambari. **Warren,** W. *l.c.* (498); *P. turpis* n. sp. Bolivia. **Warren,** W. *l.c.* (13).

Pygmaena fusca Thbg. abb. *destrigata* et *unistrigata* nn. abb. **Strand,** E. Nyt Mag. Naturv., Kristiania, **42,** 1904, (143).

Pyrinia nn. spp. Peru. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (170–171); *P. derasata* n. sp. Peru. **Warren,** W. *l.c.* (580).

Rachcospila nn. spp. Peru. **Warren,** W. *l.c.* (25–26); *R. confluа* n. sp. Peru. **Warren,** W. *l.c.* (506).

Rambara nn. spp. W. Africa. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (575–576).

Rhinura n. gen. for *Plemyriopsis variegata* Warr. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (74).

Rhodochlora albimacula n. sp. St. Lucia. **Warren,** W. *l.c.* (506).

Rhodomena n. gen. for part of *Hydriomena, R. roseoviridis, R. lichenosa* nn. spp. **Warren,** W. *l.c.* (74–75).

Rhodophthitus castus n. sp. Angola. **Warren,** W. *l.c.* (471).

Rhopalista dismutata n. sp. Tucuman. **Warren,** W. *l.c.* (75).

Rhopalodes perfusa n. sp. Peru. **Warren,** W. *l.c.* (527).

Sabulodes, life history. **Seifert,** O. Canad. Ent., Toronto, **36,** 1904, (103–106).

Sangala nn. spp. Peru. **Warren,** W. *l.c.* (98).

Sangalopsis nn. spp. S. America. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (99–100); *S. velutina* n. sp. Peru. **Warren,** W. *l.c.* (544).

Sarracena brevilinea n. sp. Peru. **Warren,** W. *l.c.* (524).

Scea semifulva n. sp. Ecuador. **Warren,** W. *l.c.* (19).

Scordylia emporias n. sp. Australia. **Turner,** A. J. Melbourne, Proc. R. Soc. Vict., (N. Ser.) **16,** 1904, (245).

Scotocyma n. gen. for *Scotosia albinotata.* **Turner,** A. J. *l.c.* (245).

Scotorythra nn. spp. Hawaiian Islds. **Meyrick,** E. Fauna Hawaiiensis, London, **3,** 1904, (351–354).

Selidosema nn. spp. Africa. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (477); *S. combustaria* n. sp **Püngeler,** R. D. ent. Zs. Iris, Berlin, **16,** (1903), 1904, (298); *S. humarium* Guenée, var. *emasculatum* n. var. British Columbia. **Dyar,** H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27,** 1904, (910).

Semiothisa nn. spp. S. America. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (127); *S.* nn. spp. Africa. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (505–510); *S. formosa* n. sp. Peru. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (562); *S. natalensis* n. sp. Durban. **Warren,** W. *l.c.* (479).

Semoeopus nn. spp. S. America. **Warren,** W. *l.c.* (513–514); *S. micropis* n. sp. Bahamas. **Hampson,** *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (179); *S. signifer* n. sp. Bolivia. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (42).

Sicya ennomaria n. sp. Mexico. **Warren,** W. *l.c.* (171).

Simopteryx obliterata n. sp. Bolivia. **Warren,** W. *l.c.* (172).

Sonatina accraria n. sp. W. Africa. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (565).

Spargania nn. spp. Peru. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (76–78); *S. daira* Dr. (as *Epirrhoë*) = *bellipicta* Warr. **Warren,** W. *l.c.* (76).

Spilocraspeda merged in *Isochromodes.* **Warren,** W. *l.c.* (146).

Spododes basipunctata n. sp. Mexico. **Warren,** W. *l.c.* (580).

Stegania nn. spp. Africa. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (500–501).

Stenalcidia nn. spp. Peru. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (114–115); *S. invenusta* n. sp. Tucuman. **Dognin,** P. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (121–122); *S. latimedia* ab. *circumfumata* n. ab. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (556).

Stenoplastis nn. spp. S. America. **Warren,** W. *l.c.* (501–502); *S. spumata* n. sp. Bolivia. **Warren,** W. *l.c.* (19).

Sterrha hispidata n. sp. Angola. **Warren,** W. *l.c.* (469).

Symelys impunctata n. sp. Colorado. **Warren,** W. *l.c.* (514).

Syrtodes limited and re-described. **Warren,** W. *l.c.* (124).

Tachyphyle aeretincta n. sp. Peru. **Warren,** W. *l.c.* (507); *T. subaurata* n. sp. Peru. **Warren,** W. *l.c.* (27).

Talledega montanata Packard var. *magnoliatoidata* n. var. British Columbia. **Dyar,** H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27,** 1904, (889).

Tanaorhinus humidaria n. sp. Madagascar. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (542).

Tephrina nn. spp. Trop. Africa. **Swinhoe,** C. *l.c.* (511–512); *T. disparata* n. sp. Colorado. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (562).

Tephrinopsis fragilis n. sp. Peru. **Warren,** W. *l.c.* (562).

Tephroclystia nn. spp. Trop. Africa. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (571–573); *T.* nn. spp. S. America. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (530–534); *T.* nn. spp. S. America. **Warren,** W. *l.c.* (87–88).

Tephroclystis nn. sp. British Columbia. **Dyar,** H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27,** 1904, (890–892); *T. flebilis,* Hulst n. sp. Alaska. **Dyar,** H. G. [Reprinted from Washington, D.C., Proc. Acad., **2,** 1900, (487–501)]. Alaska, (Harriman Expedition). New York, **8,** 1904, (211–227).

Tephronia? novella n. sp. Ecuador. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (115).

Tetracis inquinata n. sp. Peru. **Warren,** W. *l.c.* (581); *T. hyperborea* Hulst n. sp. Alaska. **Dyar,** H. G. [Reprinted from Washington, D.C., Proc. Acad., **2,** 1900, (487–501)]. Alaska, (Harriman Expedition). New York, **8,** 1904, (211–227).

Thalassodes nivestrata (1903). **Rothschild,** *Hon.* W. Nov. Zool., Tring, **11,** 1904, (pl. III, fig. 36); *T. salutaria* n. sp. Uganda. **Swinhoe,** C. London, Trans. Ent Soc., **1904,** (544).

Thalera fimbrialis Sc., n. ab. **Fuchs,** A. Wiesbaden, Jahrb. Ver. Natk., **56,** 1903, (51–54); *T. turpisaria* n. sp. W. Africa. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (546).

Thamnonoma nubilata n. sp. Colorado. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (563).

Thyatira nn. spp. New Guinea. **Bethune-Baker,** G. T. *l.c.* (381–382).

Thysanoctena n. gen. for *dormita* Schaus. **Warren,** W. *l.c.* (535).

Thysanopyga nn. spp. S. America. **Warren,** W. *l.c.* (124–125).

Tithraustes aliena n. sp. Bolivia. **Dognin,** P. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (119–120); *T. subalbata* n. sp. Bolivia. **Dognin,** P. *l.c.* (358–359).

Tmetomorpha n. gen. for *Ennomas bitias* Druce. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (173).

Traminda variegata n. sp. Trop. Africa. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (562).

Trichoclystis n. gen. near *Tephroclystia, T. peregrina* n. sp. Peru. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (535).

Trichosterrha n. gen. near *Sterrha, T. olivata, T. dentatilinea, T. brunneofasciata* nn. spp. S. America. **Warren,** W. *l.c.* (515).

Trigonomelea n. gen. *Ascotinae, T. semifusca* n. sp. Durban. **Warren,** W. *l.c.* (475).

Triphosa nn. spp. Peru. **Warren,** W. *l.c.* (524).

Uliura n. gen. near *Poecilalcis, U. pallidimargo* n. sp. Tonkin. **Warren,** W. *l.c.* (491).

Urocalpe n. gen. near *Plemyriopsis, U. nigriplaga* n. sp. Peru. **Warren,** W. *l.c.* (79).

Venilia pulchearia n. sp. **Herz,** O. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9,** 1904, (362).

Xanthomima isabellina n. sp. Isabel Island. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (489).

Xanthorhoe nn. spp. Australia. **Turner,** A. J. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **16,** 1904, (272–275).

Xenostega nn. spp. Old Calabar. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (497–590).

Zamacra diaphanaria n. sp. **Püngeler,** R. D. ent. Zs. Iris, Berlin, **16,** (1903), 1904, (286–301).

Zamarada nn. spp. Trop. Africa. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (516–517).

Zeuctoneura subviridis n. sp. Peru. **Warren,** W. Nov. Zool., Tring, **11,** 1904, (43).

Zeuctostyla n. gen. near *Perigramma, Z. rubricollis* n. sp. Peru. **Warren,** W. *l.c.* (105).

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Admetovis similaris n. sp. N. America. **Barnes,** W. Canad. Ent., Toronto, **36,** 1904, (200).

Agrophila labuana n. sp. Borneo. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (139).

Agrotis sajana n. sp. **Četverikov,** S. Rev. russ. ent., Jaroslavlĭ, **4,** 2–3, 1904, (77–99); *A. c-nigrum* ♂ in Copula mit *A. candelarum* ♀. **Strassburg,** R. Ent. Zs., Guben, **17,** 1903, (63); *A. hephaestaea* n. sp. Oahu. **Meyrick,** E. Fauna Hawaiiensis, London, Vol. **3,** 1904, (346); *A. smithii* Snell., Berichtigung. (Holländisch). **Snellen,** P. C. T. 's Gravenhage, Tijdschr. Ent., **46,** 1904, (91–92); *A. triangularis* Moore, *A. nigricostata* Stgr., *A. sibirica* Boisd., description. **Herz,** O. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9,** 1904, (275–277).

Alaria diffusa n. sp. Arizona, **Barnes,** W. Canad. Ent., Toronto, **36,** 1904, (238–239).

Ammocania parvispina n. sp. **Četverikov,** S. Rev. russ. ent., Jaroslavlĭ, **4,** 2–3, 1904, (77–79).

Amphoraceras n. gen., *A. rothschildi* n. sp. New Guinea. **Bethune-Baker,** G. T. Nov. Zool., Tring, **11,** 1904, (427–428).

Anarta nn. spp. Alaska. **Dyar,** H. G. [Reprinted from Washington D.C., Proc. Acad., **2,** 1900, (487–501)]. Alaska, (Harriman Expedition), edited by C. Hart Merriam. New York, **8,** 1904, (211–227).

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Anuga constricta Guen., description. **Herz,** O. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9,** 1904, (296–297).

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Aplecta nebulosa var *thompsoni* n. var. **Arkle,** J. Ent. Mag., London, **40,** 1904, (180); *A. thompsoni* is *robsoni.* **Tutt,** J. W. *l.c.* (255); **Arkle,** J. *l.c.* (278).

Apopestes (*Spintherops*) *spectrum* L. var., *koreana* n. var. **Herz,** O. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9,** 1904, (315); *A.* (*Spintherops*) n. sp., sine descr. et nomine. **Daub, M.** *in* **Kneucker,** A. Wien, Verh. Zool. Bot. Ges., **53,** 1903, (585).

Baniana pannicula n. sp. Borneo. **Swinhoe,** C. Ann. Mag. Nat. Hist., London, **14,**1904, (423).

Bocana madida n. sp. Borneo. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (143).

Bomolocha nigrobasalis n. sp. **Herz,** O. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9,** 1904, (329–330).

Busseola n. gen., *B. sorghicida* n. sp. Ost-Afrika. **Thurau,** F. Berliner ent. Zs., **49,** 1904, (55–58).

Callopistria (*Eriopus*) *miracula* n. sp. **Herz,** O. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9,** 1904, (284–285).

Caradrina albistigma n. sp. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (139); *C. nitens* n. sp. British Columbia. **Dyar,** H. G. Canad. Ent., Toronto, **36,** 1904, (30); *C. tacna* n. sp. Texas. **Barnes,** W. *l.c.* (167–168).

Carea nn. spp. Borneo. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (141).

Casandria poliotis n. sp. Bahamas. **Hampson,** *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (170).

Caularis lunata n. sp. **Hampson,** *Sir* G. F. *l.c.* (169).

Collusa ekeikei n. sp. New Guinea. **Bethune-Baker,** G. T. Nov. Zool., Tring, **11,** 1904, (429).

Cucullia agua n. sp. Arizona. **Barnes,** W. Canad. Ent., Toronto, **36,** 1904, (203); *C. clarior* n. sp. **Fuchs,** F. Wiesbaden, Jahrb. Ver. Natk., **57,** 1904, (31); *C. indicta* n. sp. Alberta. **Smith,** J. B. Canad. Ent., Toronto, **36,** 1904, (154); *C. oribae* n. sp. Arizona. **Barnes,** W. *l.c.* (237).

Dianthoecia lypra n. sp. **Püngeler,** R. D. ent. Zs. Iris, Berlin, **16,** (1903), 1904, (287).

Diphtera (*Habrostola*) *niveola* Motsch. = *Diphtera japyx* Stgr.; *D.* (*Pandesma*) *virens* Butl., description. **Herz,** O. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9,** 1904, (266–268).

Doryodes insularia n. sp. Bahamas. **Hampson,** *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (174).

Earias fabia, Schädlinge der Baumwollkultur. (Holländisch) **Koningsberger,** J. C. Teysmannia, Batavia, **14,** 1903, (622–627).

Epizeuxis (*Helia*) *lunulata* n. sp. **Herz,** O. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9,** 1904, (320–321).

Erastria martjanovi n. sp. **Četverikov,** S. Rev. russ. ent., Jaroslavlĭ, **4,** 2–3, 1904, (77–79).

Erebia abnormis n. sp. Perak. **Swinhoe,** C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (421).

Eublemma vestina n. sp. Borneo. **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (140).

Euplexia leucobasis n. sp. Bahamas. **Hampson,** *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (167).

Euxoa chretieni n. sp. Espagne. **Dumont,** G. Paris, Bul. soc. ent., **1903,** (83–85); *E. pestula* n. sp. Alberta. **Smith,** J. B. Canad. Ent., Toronto, **36,** 1904, (150–151); *E. polybela* n. sp. **Joannis,** J. de. Paris, Bul. soc. ent., **1903,** (28–30).

Fagitana parallela n. sp. Bahamas. **Hampson,** *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (168).

Gortyna ochracea Hübn. **Reh,** L. Prakt. Ratgeber Obstbau, Frankfurt a. O., **17,** 1902, (352–353).

Grammodes pulcherrima Luc. = (*clementi* Swinh.). **Swinhoe,** C. London, Trans. Ent. Soc., **1904,** (142).

Grotella nn. spp. Arizona. **Barnes,** W. Canad. Ent., Toronto, **36,** 1904, (240–241).

Hadena kyune n. sp. Arizona. **Barnes,** W. *l.c.* (168–169); *H. maida* n. sp. British Columbia. **Dyar,** H. G. *l.c.* (30); *H. tenera* J. B. Smith, n. sp. Alaska. **Dyar,** H. G. [Reprinted from Washington, D.C., Proc. Acad., **2,** 1900, (487–501)]. Alaska, (Harriman Expedition), edited by C. Hart Merriam. New York, **8,** 1904, (211–227).

Himella infidelis n. sp. British Columbia. **Dyar,** H. G. Canad. Ent., Toronto, **36,** 1904, (32).

Homohadena nn. spp. British Columbia. **Dyar,** H. G. *l.c.* (30–31).

Hyblaea puera, description. **Hole,** R. S. Bombay, J. Nat. Hist. Soc., **15,** 1904, (681, with pls. A to E).

Hypenodes arrhecta n. sp. Kanai. **Meyrick,** E. Fauna Hawaiiensis, London, **3,** 1904, (347); *H. leptozantha* n. sp. Molokai. **Meyrick,** E. Ent. Mag., London, **40,** 1904, (130); *H. separatalis* n. sp. **Herz,** O. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9,** 1904, (331).

Koraïa n. gen., *K. pirata* n. sp. **Herz,** O. St. Peterburg, Ann. Mus. zool. Ac., **9,** 1904, (313–314).

Leucania favicola var. **Barrett,** C. G. Ent. Mag., London, **40,** 1904, (61); *L. favicola* nn. varr. **Tutt,** J. W. Ent. Rec., London, **16,** 1904, (252–254).

Leucanitis boisdeffrei Obth. var. *palaestinensis* Stgr., Variabilität. **Daub** in **Kneucker,** A. Wien, Verh. ZoolBot. Ges., **53,** 1903, (575–587); *L. sculpta* n. sp. **Püngeler,** R. D. ent. Zs. Iris, Berlin, **16,** (1903), 1904, (292).

Lithocampa fatua n. sp. **Püngeler,** R. *l.c.* (288).

Luperina zollikoferi Frr. **Krejsa,** E. Ent. Zs., Guben, **18,** 1904, (42–43).

Lycophontia fidelis n. sp. **Joannis,** J. de. Paris, Bul. soc. ent., **1903,** (28–30).

Macrothylacia rubi, eine Aberration von. **Castek,** J. Ent. Zs., Guben, **17,** 1903, (65).

Mamestra nn. spp. Alberta. **Smith**, J. B. Canad. Ent., Toronto, **36**, 1904, (151–153); *M.* nn. spp. Arizona. **Barnes**, W. *l.c.* (197–198); *M. erydina* n. var. British Columbia. **Dyar**, H. G. *l.c.* (32); *M. isoloma* n. sp. **Püngeler**, R. D. ent. Zs. Iris, Berlin, **16**, (1903), 1904, (286).

Moma tybo n. sp. Arizona. **Barnes**, W. *l.c.* (166–167).

Noctua dislocata n. sp. Alberta. **Smith**, J. B. *l.c.* (149–150); *N. umbrosa* n. var. British Columbia. **Dyar**, H. G. *l.c.* (31–32).

Nodaria nn. spp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (173).

Ogdoconta altura n. sp. Texas. **Barnes**, W. Canad. Ent., Toronto, **36**, 1904, (243–244).

Ommatostola popofensis J. B. Smith, n. sp. Alaska. **Dyar**, H. G. [Reprinted from Washington, D.C., Proc. Acad., **2**, 1900, (487–501)]. Alaska, (Harriman Expedition), edited by C. Hart Merriam, New York, **8**, 1904, (211–227).

Oncocnemus polingii n. sp. Arizona. **Barnes**, W. Canad. Ent., Toronto, **36**, 1904, (169–171).

Ophiusa (*Grammodes*) *analis* Gn. an. n. sp. **Herz**, O. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9**, 1904, (305–306).

Orthosia ruticilla. **Holwede**, von. Ent. Zs., Guben, **17**, 1903, (30–31, 34–36); *O. verberata* n. sp. Alberta. **Smith**, J. B. Canad. Ent., Toronto, **36**, 1904, (153–154).

Parabasis n. gen., *P. pratti* n. sp. New Guinea. **Bethune-Baker**, G. T. Nov. Zool., Tring, **11**, 1904, (428–429).

Pericyma nn. spp. **Püngeler**, R. D. ent. Zs. Iris, Berlin, **16**, (1903), 1904, (290).

Peridroma subjugata n. var. British Columbia. **Dyar**, H. G. Canad. Ent., Toronto, **36**, 1904, (31); *P. ypsilon* var. *albescens* n. var. **Clark**, J. A. Ent. Rec., London, **16**, 1904, (166).

Perigrapha achsha n. sp. British Columbia. **Dyar**, H. G. Canad. Ent., Toronto, **36**, 1904, (32–33).

Phyllodes enganensis n. sp. Engano. **Swinhoe**, C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (424).

Platyja rufiscripta n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (141).

Platyperigea anotha n. sp. British Columbia. **Dyar**, H. G. Canad. Ent., Toronto, **36**, 1904, (29–30).

Plusia epsilon Ottolengui n. sp. Alaska. **Dyar**, H. G. [Reprinted from Washington, D.C., Proc. Acad., **2**, 1900, (487–501).] Alaska, (Harriman Expedition), New York, **8**, 1904, (211–227); *P. festucae*. New Zealand. **Philpott**, A. Wellington, Trans. N. Zeal. Inst., **36**, 1904, (161); *P. pterylota* n. sp. Oahu. **Meyrick**, E. Fauna Hawaiiensis, London, **3**, 1904, (348).

Polydesma (?) *striata* n. sp. **Herz**, O. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9**, 1904, (303–304).

Porosagrotis thanatologia n. sp. British Columbia. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (833).

Prothymia rosario n. sp. Arizona. **Barnes**, W. Canad. Ent., Toronto, **36**, 1904, (254).

Pseudaglossa shelfordi n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (142).

Pseudojlea lobata n. sp. Arizona. **Barnes**, W. Canad. Ent., Toronto, **36**, 1904, (237–238).

Pyrrhia aconiti Höltzermann in Finland gefangen. **Federley**, H. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (87–89).

Rhaesena apicalis n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent Soc., **1904**, (143).

Rhizagrotis nn. spp. Arizona. **Barnes**, W. Canad. Ent., Toronto, **36**, 1904, (171–172).

Rhodinia fugax Butl., Lautäusserung. **Gauckler**, H. Insektenbörse, Leipzig, **21**, 1904, (332).

Rhynchagrotes scopeops n. sp. British Columbia. **Dyar**, H. G. Canad. Ent., Toronto, **36**, 1904, (31).

Spirama nn. spp. **Swinhoe**, C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (422–423).

Stibadium nn. spp. Arizona. **Barnes**, W. Canad. Ent., Toronto, **36**, 1904, (241–242).

Taeniocampa alamosa n. sp. Arizona. **Barnes**, W. *l.c.* (201); *T. communis* n. sp. British Columbia. **Dyar**, H. G. *l.c.* (32).

Thalaina angulosa Walk. metamorphosis. **Goudie**, D. Vict. Nat., Melbourne, **21**, 1904, (111–112).

Thermesia flavilineata n. sp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (170).

Toxocampa moellendorffi n. sp. **Herz**, O. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9**, 1904, (318-319).

Tricholita chipeta n. sp. Colorado. **Barnes**, W. Canad. Ent., Toronto, **36**, 1904, (202).

Triphaena comes, broods and varr. **Prout**, L. B. Ent. Rec., London, **16**, 1904, (1–5).

Vestura n. gen., *V. adeba* n. sp. Singapore and Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (142).

Zanclognatha (?) *punctalis* n. sp. **Herz**, O. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9**, 1904, (324–325).

URANIIDAE.

Lophopygia n. gen., near *Lophotosoma*, *L. griseata* n. sp. Peru. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (495).

Psamathia impunctata n. sp. Peru. **Warren**, W. *l.c.* (496).

Saccoploca n. gen., *S. consimilis*, *S. excisa* nn. spp. Peru. **Warren**, W. *l.c.* (8–9); *S.* nn. spp. Peru. **Warren**, W. *l.c.* (496–497).

Syngria candidata n. sp. Peru. **Warren**, W. *l.c.* (497).

Trotorhombia n. gen. for *Erosia metachromata* Walk. **Warren**, W. *l.c.* (498).

EPIPLEMIDAE.

Atossa alpherakii n. sp. **Herz**, O. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9**, 1904, (376–377).

Epiplema nn. spp. Mombasa. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (462); *E.* nn. spp. Peru. **Warren**, W. *l.c.* (2–5); *E. lucisquamata* n. sp. Peru. **Warren**, W. *l.c.* (494).

Lophotosoma n. gen. near *Epiplema*, *L. ustanalis* n. sp. Peru. **Warren**, W. *l.c.* (7).

Neoplema n. gen. near *Epiplema*, *N. candidata* n. sp. Peru. **Warren**, W. *l.c.* (496).

Thysanocraspeda n. gen., *Epipleminae*, *T. semicastanea*, *T. inornata*, *T. geminipuncta*, *T. squamiplaga* nn. spp. Peru. **Warren**, W. *l.c.* (9–11).

PYRALIDAE.

Azochis rufidiscalis n. sp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (186).

Bradina opacusalis n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (156).

Cecidipta abnormalis n. sp. Bolivia. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (123–124).

Constantia canifusalis, Beschreibung. **Rebel**, H. Wien., Verh. ZoolBot. Ges., **53**, 1903, (404–415); *C. sinaica* n. sp. **Rebel**, H. *in* **Kneucker**, A. *l.c.* (575–587).

Crambus nn. spp. British Columbia. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (919); *C. inquinatellus* Schiff ab. *ambigellus* n. ab. **Strand**, E. Nyt Mag. Naturv., Kristiania, **42**, 1904, (146); *C. latistrius* Hw. in Oesterreich. **Galvagni**, E. Wien, Verh. ZoolBot. Ges., **53**, 1903, (570); *C. numidellus* n. sp. Sahara. **Rebel**, H. *l.c.* (404–415).

Desmia microstictalis n. sp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (184).

Ephestia amarella n. sp. British Columbia. **Dyar**, H. G. Washington D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (921); *E. kuehniella* Zell. **Jacobi**, A. Landw. Ann., Rostock, (N.F.), **42**, 1903, (42–44).

Ephestiodes benjaminella n. sp. British Columbia. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (922).

Eutrichocera n. gen., *Phycitinae*, *E. paurolepidalis* n. sp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (182).

Euzopherodes megalopalis n. sp. Bahamas. **Hampson**, *Sir* G. F. *l.c.* (181).

Galleria mellonella, Ernährung und Verdauung. **Sieber**, N. und **Metalnikow**, S. Arch. ges. Physiol., Bonn, **102**, 1904, (269–286).

Glyphodes intermedialis n. sp. Paraguay. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (129).

Hymenia exodias n. sp. Molokai. **Meyrick**, E. Ent. Mag., London, **40**, 1904, (130).

Hyperectis n. gen., near *Stenia*, *H. dioctias* n. sp Maui. **Meyrick**, E. Fauna Hawaiiensis, London, **3**, 1904, (356, 357).

Hypolamprus tessellata n. sp. Sumatra. **Swinhoe**, C. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (131–134).

Lepidomys sobria n. sp. Paraguay. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (126).

Leucinodes labefactalis n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (158).

Leucochroma neutralis n. sp. Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (127).

Loxostege obliteratis, habits. **C[hittenden]**, F. H. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44**, 1904, (95–96).

Lygropia fusalis n. sp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (186).

Macalla nn. spp. Peru, Colombia. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (122–123).

Margaronia nn. spp. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (157).

Mestolobes antichora n. sp. Oahu. **Meyrick**, E. Fauna Hawaiiensis, London, **3**, 1904, (361); *M. sicaria* n. sp. Molokai. **Meyrick**, E. Ent. Mag., London, **40**, 1904, (131).

Mimorista nn. spp. Peru, Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (128–129).

Nacoleia nn. spp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (184–185).

Nephopteryx kraussi n. sp. Sahara. **Rebel**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (404–415).

Niphostola punctata n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (156).

Nomophila noctuella, mœurs. **Demaison**, L. Paris, Bul. soc. ent., **1902**, (307-309).

Noorda candidalis n. sp. Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (131).

Omiodes antidoxa n. sp. Oahu. **Meyrick**, E. Fauna Hawaiiensis, London, **3**, 1904, (358).

Omphaloptera nn. spp. Ecuador, Peru. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (126–127).

Orenaia preisseckeri n. sp. Oesterreich. **Rebel**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (90–103).

Pachyzancla fimbrialis n. sp. Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (130).

Parabaera n. gen., *P. nitidalis* n. sp. Ecuador. **Dognin**, P. *l.c.* (125).

Phlyctaenia tillialis n. sp. British Columbia. **Dyar**, H. G. Washington, D.C., Smithsonian Inst. Nation. Mus. Proc., **27**, 1904, (916).

Phryganodes hypoxantha n. sp. Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (128).

Phylactaenia lampadias n. sp. Hawaiian Islds. **Meyrick**, E. Fauna Hawaiiensis, London, **3**, 1904, (359).

Pionea nn. spp. Ecuador. **Dognin**, P. *l.c.* (131–132).

Polygrammodes interpunctalis n. sp. Peru. **Dognin**, P. *l.c.* (129–130).

Pyralis costalis var. **Thurnall**, A. Ent. Mag., London, **40**, 1904, (15).

Pyrausta machoeralis, description. **Hole**, R. S. Bombay, J. Nat. Hist. Soc., **15**, 1904, (680, with pls. A to E); *P. pyropsalis* n. sp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, **14**, 1904, (187).

Rhectosomia (?) *longistrialis* n. sp. Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (130–131).

Schoenobius bipunctifer, relation between temperature and growth. **Onugi**, S. Tōkyō, Nip. Nō Kw. Hō, **274**, 1904, (11–13).

Scirpophaga holophaealis n. sp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (181).

Scoparia nn. spp. Hawaiian Islds. **Meyrick**, E. Fauna Hawaiiensis, London, **3**, 1904, (362–365); S. nn. spp. Molokai. **Meyrick**, E. Ent. Mag., London, **40**, 1904, (131–132).

Sindris magnifica n. sp. Angola. **Jordan**, K. Nov. Zool., Tring, **11**, 1904, (447).

Staudingeria holophaeella n. sp. Sahara. **Rebel**, H. Wien, Verh. Zool-Bot. Ges., **53**, 1903, (404–415).

Stenia hieralis n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (156).

Stericta nn. spp. Peru, Tucuman. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (124–125).

Tetraschistis leucogramma n. sp. Bahamas. **Hampson**, *Sir* G. F. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (183).

Tosale filata n. sp. Ecuador. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (125).

Xanthomelaina quinquepuncta n. sp. Borneo. **Swinhoe**, C. London, Trans. Ent. Soc., **1904**, (156).

Zeuzerodes subfulvata n. sp. Ecuador. **Warren**, W. Nov. Zool., Tring, **11**, 1904, (1).

PTEROPHORIDAE.

Pterophorus vulgaris, Ueberwinterung. **Schuster**, W. Zool. Garten, Frankfurt a. M., **45**, 1904, (191).

TORTRICIDAE.

General.

Lüstner, G. und **Scufferheld**, C. Die Bekämpfung des Traubenwicklers (Heu- und Sauerwurm) nach dem neuesten Stande. Hrsg. v. der königl. Lehranstalt für Wein-, Obst- und Gartenbau zu Geisenheim. 2. Aufl. Wiesbaden (R. Bechtold & Comp.), [1904], (32, mit 2 Taf.).

Special.

Acleris nn. spp. British Columbia. Washington. **Kearfott**, W. D. Canad. Ent., Toronto, **36**, 1904, (138–141).

Atteria nn. spp. Ecuador, Colombia. **Dognin**, P. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (132–133).

Carpocapsa pomonella. **Sanderson**, E. D. Agric. Exp. Sta., Delaware, Newark, Bull. No. **59**, 1903, (22, with pl., 4 figs.); [review] Washington, D.C., U. S. Dept. Agric., Off. Exp. Sta., Rec., **15**, 1933, (57); *C. pomonella*. **Simpson**, C. B. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., (N. Ser.), No. **35**, 1902, (29, with pl.).

Commophila fuscodorsana n. sp. British Columbia. **Kearfott**, W. D. Canad. Ent., Toronto, **36**, 1904, (141).

Conchylis lambessana, Beschreibung. **Rebel**, H. Wien, Verh ZoolBot. Ges., **53**, 1903, (404–415); *C. santolinana* Stgr., note. **Chrétien**, P. Paris, Bul. soc. ent., **1903**, (112–113).

Cydia nn. spp. Colorado. British Columbia. **Kearfott**, W. D. Canad. Ent., Toronto, **36**, 1904, (109–112).

Enarmonia cochleana n. sp. British Columbia. **Kearfott**, W. D. *l.c.* (137–138).

Epiblema subuculana n. sp. Oesterreich. **Rebel**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (90–103).

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Paltodora nn. spp. Tasmania and W. Austr., Sydney, S. Austr. **Meyrick**, E. *l.c.* (271–272).

Pancoenia n. gen., *P. periphora* N. S. Wales, *P. pelota* N. S. Wales, nn. spp. **Meyrick**, E. *l.c.* (389–390).

Phloeographis n. gen., *P. macrynta* Victoria, *P. brachynta* Queensland, *P. zopherota* Victoria, nn. spp. **Meyrick**, E. *l.c.* (393–394).

Phthorimaea operculella Zell. = *Gelechia operculella* Zell., descr. **Meyrick**, E. *l.c.* (316).

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Proactica n. gen. near *Anaphaula*. *P. halimilignella* n. sp. Algeria. **Walsingham**, *Lord*. Ent. Mag., London, **40**, 1904, (268–269).

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Austr., *P. elpistis* W. Austr., *P. argocentra* W. Austr., *P. liota* W. Austr., *P. hypoleuca* N. S. Wales, *P. prisca* N. S. Wales, *P. diplonesa* W. Austr., *P. crypsibatis* N. S. Wales, Tasmania, S. Austr., *P. flexilis* N. S. Wales, *P. frugalis* N. S. Wales, W. Austr., *P. microdora* W. Austr., *P. invalida* Queensland, N. S. Wales, *P. cladara* Tasmania, *P. sciodes* W. Austr., *P. cosmotis* W. Austr., *P. psephias* W. Austr., *P. actinota* W. Austr., *P. nyctias* Queensland, *P. iochlaema* W. Austr., *P. xestolitha* N. S. Wales, *P. nephelota* N. S. Wales, Victoria, *P. anthracina* N. S. Wales, *P. phloeodes* Queensland, *P. thyridota* N. S. Wales, W. Austr., *P. ceramica* N. S. Wales, *P. hormodes* N. S. Wales, *P. plinthactis* N. S. Wales, *P. stratifera* Queensland, N. S. Wales, *P. catarrhacta* N. S. Wales, *P. tabulata* N. S. Wales, S. Austr., *P. pelogramma* Victoria, *P. amblopis* W. Austr., *P. aeolopis* N. S. Wales, *P. hylias* N. S. Wales, *P. compsochroa* N. S. Wales, S. Austr., *P. odorifera* N. S. Wales, *P. micropa* Victoria and S. Austr., *P. diplanetis* N. S. Wales, Victoria, *P. cephalota* W. Austr., *P. scytina* N. S. Wales, S. Austr., *P. ananeura* N. S. Wales, *P. xanthocephala* Queensland, *P. trichalina* W. Austr., *P. arganthes* Queensland, *P. selenia* N. S. Wales, *P. gorgonias* Queensland, *P. chiradia* Queensland, *P. thysoptera* Queensland, *P. phasianis* N. S. Wales, Tasmania, Victoria, *P. loemias* N. S. Wales, Victoria, *P. megalommata* Queensland, *P. banausodes* Queensland, *P. crotalodes* Queensland, *P. molyntis* Victoria, S. Austr., *P. aspetodes* Victoria nn. spp. *P. desmatra* Low. = *Gelechia desmatra* Low., *P. lithina* Low. = *Gelechia lithina* Low., *P. aversella* Walk. = *Gelechia aversella* Walk., described. *P. orthanotis* Low., = *Gelechia orthanotis* Low., descr., *P. decaspila* Low. = *Gelechia decaspila* Low. descr., *P. deltodes* Low. = *Gelechia deltodes* Low. descr., *P. haemaspila* Low. = *Gelechia haemaspiia* Low. descr., *P. tridecta* Low. = *Gelechia tridecta* Low. descr., *P. sodalella* Walk. = *Gelechia sodalella* (*sodalisella*) Wlk. descr., *P. eumela* Low. = *Cleodora eumela* Low. descr, *P. subnexella* Wlk. = *Gelechia subnexella* Wlk. described. **Meyrick**, E. *l.c.* (332–386).

Pseudosymmoca n. gen., *P. angustipennis* n. sp. Sahara. **Rebel**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (404–415).

Ptocheuusa albidella n. sp. Sahara. **Rebel**, H. *l.c.* (404–415).

Pyroderces nn. spp. Java. **Deventer**, W. van. 's Gravenhage, Tijdschr. Ent., **47**, [1904], (30–33).

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Sarotorna n. gen., *S. eridora* n. sp. N. S. Wales. **Meyrick**, E. *l.c.* (322–323).

Scardia burkerella n. sp. **Busck**, A. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (777).

Scythris nn. spp. **Fuchs**, A. Wiesbaden, Jahrb. Ver. Natk., **56**, 1903, (55–63); *S. magnatella* n. sp. **Busck**, A. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **25**, 1904, (768); *? S. tessulatella* n. sp. Sahara. **Rebel**, H. Wien, Verh. ZoolBot. Ges., **53**, 1903, (404–415).

Sitotroga cerealella Ol. = *Gelechia melanarthra* Low., description. **Meyrick**, E. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (286).

Smenodoca n. gen., *S. erebenna* n. sp. N. S. Wales, Victoria, W. Austr. **Meyrick**, E. *l.c.* (302).

Spatularia n. gen., *S. fuliginella* n. sp. Java. **Deventer**, W. van. 's Gravenhage, Tijdschr. Ent., **47**, [1904], (1).

Sphaleractis n. gen., *S. parasticta* n. sp. N. S. Wales, W. Austr., *S. eurysema* n. sp. N. S. Wales, *S. platyleuca* Low. = *Gelechia platyleuca* Low., described. **Meyrick**, E. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (328–329).

Stagmatophora divitella Cst. n'est pas cécidogène. **Chrétien**, P. Paris, Bul. soc. ent., **1902**, (261–264).

Stegasta n. gen., *S. variana* Queensland, N. S. Wales, *S. allactis* S. Austr., W. Austr. nn. spp., *S. cosmodes* Low. = *Gelechia cosmodes* Low., descr. **Meyrick**, E. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (313–315).

Streniastis n. gen., *S. thermaea* Low. = *Paltodora thermaea* Low., described. **Meyrick,** E. *l.c.* (428).

Styloceros n. gen., *S. trigonias* Queensland, *S. lychnocentra* Tasmania?, *S. cyclonitis* Queensland nn. spp. **Meyrick,** E. *l.c.* (408–409).

Symbolistis n. gen., *S. orophota* n. sp. Queensland, N. S. Wales, *S. argyromitra* n. sp., N. S. Wales. **Meyrick,** E. *l.c.* (413-414).

Symmoia sericiella n. sp. Algeria. **Walsingham,** *Lord.* Ent. Mag., London, **40,** 1904, (273).

Tetanocentria ochraceella n. sp. Oesterreich. **Rebel,** H. Wien, Verh. ZoolBot., Ges., **53,** 1903, (90–103).

Thalamarchis n. gen., for *Cryptolechia alveola* Feld., descr. **Meyrick,** E. Sydney, N.S.W., Proc. Linn. Soc., N. S. Wales, **29,** 1904, (435–436).

Thiotricha n. gen., *T. anticentra*, *T. arthrodes*, *T. bullata*, *T. chrysopa*, *T. leucothona*, *T. margarodes*, *T. niphastis*, *T. oxytheces*, *T. paraconta*, *T. parthenica* nn. spp. Australia and Tasmania. **Meyrick,** E. *l.c* (293–297).

Tinea granella, Lebensweise. **Rudow,** [F.]. Ent. Zs., Guben, **18,** 1904, (106); *T. leucocapitella* n. sp. **Busck,** A. Washington, D C., Smithsonian Inst., Nation. Mus. Proc., **27,** 1904, (776).

Trichotaphe nn. spp. British Columbia. **Busck,** A. *l.c.* (761–762); *T. lerisella* n. sp. Quebec. **Fyles,** T. W. Canad. Ent., Toronto, **36,** 1904, (211).

Tritadelpha n. gen., *T. microptila* n. sp. Queensland. **Meyrick,** E. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (323–324).

Xystophora modicella n. sp. Java. **Deventer,** W. van. s' Gravenhage, Tijdschr. Ent., **47,** [1904], (4).

Ypsolophus holomelas Low., = *Anarsia holomela* Low., description. *Y. thanatopsis* Low., *Y. dryinodes* Low., described. *Y. melichrous* Low., ? n. sp. a .d 7 nn. spp. from Australia. **Meyrick,** E. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (430-435).

Zelleria nn. spp. British Columbia. **Busck,** A. Washington, D.C., Smithsonian Inst., Nation. Mus. Proc., **27,** 1904, (753–754).

MICROPTERYGIDAE.

Eriocrania argyrolepidella n. sp. **Fuchs,** F. Wiesbaden, Jahrb. Ver. Natk., **57,** 1904, (29–44, mit 1 Taf.).

LIST OF NEW GENERA AND SPECIES.

ABINARA [Erycinidae].
——— *albiplaga: avera* n. subsp. Rothschild. 363.
——— ——— *keiana* n. subsp. Rothschild. 363.
——— *segestes.* Rothschild. 361.

ABRAXAS [Geometridae].
——— *grossulariata* var. *minor* n. var. Herz. 192.
——— *macularia.* Herz. 192.
——— *transvisata.* Warren. 491.

ACANTHOLIPES [Noctuidae].
——— *mesoscota.* Hampson. 185.

Acatapaustus n. gen. [Arctiidae]. Bethune-Baker. 43.
——— *basifusca.* Bethune-Baker. 43.
——— *ekeikei.* Bethune-Baker. 43.

ACCA [Nymphalidae].
——— *obiana.* Swinhoe. 446.

Acco n. gen. [Arctiidae]. Bethune-Baker. 43.
——— *bicolora.* Bethune-Baker. 43.

Achoria n. gen. [Tineidae]. Meyrick. 290.
——— *mopina.* Meyrick. 290.

ACLERIS [Tortricidae].
——— *britannia.* Kearfott. 232.
——— *fragariana.* Kearfott. 232.

ACRAEA [Nymphalidae].
——— *byatti.* Neave. 302.
——— *catori.* Bethune-Baker. 41.
——— *cinerea.* Neave. 302.
——— *clarei.* Neave. 302.
——— *doubledayi: equatorialis* n. subsp. Neave. 302.
——— *ertli.* Aurivillius. 22.
——— *harrisoni.* Sharpe. 408.
——— *leucopyga.* Aurivillius. 22.
——— *mairessei.* Aurivillius. 22.
——— *melanosticta.* Sharpe. 409.
——— *mystica.* Neave. 302.
——— *wigginsi.* Neave. 302.

Acromecis n. gen. [Hesperidae]. Mabille. 280.

Streniastis n. gen., *S. thermaea* Low. *Paltodora thermaea* Low., described. **Meyrick**, E. *l.c.* (428).

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Tinea granella, Lebensweise. **Rudow**, [F.]. Ent. Zs., Guben, **18**, 1904, (106); *T. leucocapitella* n. sp. **Busck**, A. Washington, D C., Smithsonian Inst., Nation. Mus. Proc., **27**, 1904, (776).

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ACANTHOLIPES [Noctuidae].
——— *mesoscota*. Hampson. 185.

Acatapaustus n. gen. [Arctiidae]. Bethune-Baker. 43.
——— *basifusca*. Bethune-Baker. 43.
——— *ekeikei*. Bethune-Baker. 43.

ACCA [Nymphalidae].
——— *obiana*. Swinhoe. 446.

Acco n. gen. [Arctiidae]. Bethune-Baker. 43.
——— *bicolora*. Bethune-Baker. 43.

Achoria n. gen. [Tineidae]. Meyrick. 290.
——— *mopina*. Meyrick. 290.

ACLERIS [Tortricidae].
——— *britannia*. Kearfott. 232.
——— *fragariana*. Kearfott. 232.

ACRAEA [Nymphalidae].
——— *bjotti*. Neave. 302.
——— *catori*. Bethune-Baker. 41.
——— *cinerea*. Neave. 302.
——— *clarei*. Neave. 302.
——— *doubledayi*: *equatorialis* n. subsp. Neave. 302.
——— *ertli*. Aurivillius. 22.
——— *harrisoni*. Sharpe. 408.
——— *leucopyga*. Aurivillius. 22.
——— *mairessei*. Aurivillius. 22.
——— *melanostieta*. Sharpe. 409.
——— *mystica*. Neave. 302.
——— *wigginsi*. Neave. 302.

...gen. [Hesperidae]. *Mabille* 280.

Acronycta [Noctuidae].
——— *albonigra*. Herz. 192.

Acrosemia [Geometridae].
——— *dichorda*. Hampson. 185.

Acrotomodes [Geometridae].
——— *lichenifera*. Warren. 491.

Adela [Tineidae].
——— *collicolella*. Walsingham. 483.

Adelocephala [Ceratocampidae].
——— *eugenia*. Druce. 94.
——— *hodova*. Druce. 94.
——— *lineata*. Druce. 94.
——— *nisa*. Druce. 94.
——— *smithi*. Druce. 94.
——— *yucatana*. Druce. 94.

Admetovis [Noctuidae].
——— *similaris*. Barnes. 32.

Aella n. gen. [Hesperidae]. Mabille. 280.

Aeschropteryx [Geometridae].
——— *flexilinea*. Warren. 488.
——— *olivata*. Warren. 488.
——— *praecurvata*. Warren. 491.

Agathia [Geometridae].
——— *elenaria*. Swinhoe. 444.
——— *pauper*. Warren. 489.

Agonis [Callidulidae].
——— *dymus*. Swinhoe. 443.

Agraptochlora [Geometridae].
——— *pallida*. Warren. 489.
——— *rubriceps*. Warren. 489.

Agrophila [Noctuidae].
——— *labuana*. Swinhoe. 443.

Agrotis [Noctuidae].
——— *hephaestaea*. Meyrick. 292.
——— *sajana*. Četverikov. 59.

Agylla [Arctiidae].
——— *hampsoni*. Dognin. 88.

Alaena [Lycaenidae].
——— *mulsa*. Thieme. 455.

Alaria [Noctuidae].
——— *diffusa*. Barnes. 32.

Alcis [Geometridae].
——— *huamani*. Dognin. 88.

Aletis [Geometridae].
——— *rubricaput*. Swinhoe. 444.

Alex [Geometridae].
——— *aurantiata*. Warren. 490.

Allocota n. gen. [Tineidae]. Meyrick. 290.
——— *simulacrella*. Meyrick. 290.

Allononyma n. nom. [Tineidae]. Busck. 51.

Amaurinia [Geometridae].
——— *angulata*. Warren. 491.
——— *brunnea*. Warren. 491.
——— *commixta*. Warren. 491.
——— *expallidata*. Warren. 488.

Amauris [Nymphalidae].
——— *dira*. Neave. 302.

Ameria [Geometridae].
——— *seminigra*. Warren. 488.

Ammocania [Noctuidae].
——— *parvispina*. Četverikov. 59.

Amphoraceras n. gen. [Noctuidae]. Bethune-Baker. 43.
——— *rothschildi*. Bethune-Baker. 43.

Amraica [Geometridae].
——— *superans* var. *dubitans* n. var. Herz. 192.

Anacampsis [Tineidae].
——— *fragariella*. Busck. 51.

Anapalta n. gen. [Geometridae]. Warren. 488.
——— *perdecora*. Warren. 488.
——— *roseoliva*. Warren. 488.
——— *ruficoesia*. Dognin. 88.
——— *sombrera*. Warren. 488.
——— *subfusca*. Warren. 491, 576.
——— *violetta*. Warren. 488.

Anaptilora n. gen. [Tineidae]. Meyrick. 290.
——— *eremias*. Meyrick. 290.
——— *isocosma* Meyrick. 290.

Anarsia [Tineidae].
——— *epiula* Meyrick. 290.
——— *leucophora*. Meyrick. 290.
——— *molybdota*. Meyrick. 290.
——— *trichodeta*. Meyrick. 290.

Anarta [Noctuidae].
——— *etacta*. Smith. 101.
——— *lanuginosa*. Smith. 101.

Anaxita [Arctiidae].
——— *lysandra*. Druce. 94.

Anisodes [Geometridae].
——— *aurantiata*. Warren. 488.
——— *bipunctata*. Warren. 488.
——— *decorata*. Warren. 491.
——— *flavidiscata*. Warren. 488.
——— *fulgurata*. Warren 491.
——— *gigantula*. Warren. 491.
——— *hieroglyphica*. Warren. 488.

ANISODES [Geometridae].
——— *imparistigma.* Warren. 488.
——— *maculidiscata.* Warren. 491.
——— *magnidiscata.* Warren. 488.
——— *mediolineata.* Warren. 488.
——— *multipunctata.* Warren. 491.
——— *ochricomata.* Warren. 488.
——— *pomidiscata.* Warren. 491.
——— *rhodostigma.* Warren. 488.
——— *rufistigma.* Warren. 491.
——— *rufulata.* Warren. 491.
——— *subaenescens.* Warren. 488.
——— *torsivena.* Warren. 488.

Anisolasia n. gen. [Geometridae]. Warren. 488.

ANISOPERAS [Geometridae].
——— *adulta.* Warren. 488.
——— (?) *aurantiaca.* Warren. 488.
——— *dentilineata.* Warren. 491.
——— *latibrunnea.* Warren. 488.
——— *olivata.* Warren. 491.
——— *undilinea.* Warren. 491.

ANTANARTIA [Nymphalidae].
——— *amauroptera.* Sharpe. 409.

ANTAPLAGA [Noctuidae].
——— *hachita.* Barnes. 32.

ANTHELA [Lymantriadae].
——— *achromata.* Turner. 465.
——— *ekeikei.* Bethune-Baker. 43.
——— *symphona.* Turner. 465.

APALETODES [Eupterotidae].
——— *banepa.* Druce. 94.
——— *mehida.* Druce. 94.
——— *signata.* Druce. 94.
——— *uvada.* Barnes. 32.

APANTESIS [Arctiidae].
——— *bicolor.* Hampson. 185.

APATELA [Noctuidae].
——— *dolorosa* n. var. Dyar. 102.
——— *griseor* n. var. Dyar. 102.
——— *maesta* n. var. Dyar. 102.

APATURINA [Nymphalidae].
——— *erminea*: *xanthocera* n. subsp. Rothschild. 361.

APHILOPOTA [Geometridae].
——— *ambusta.* Warren. 489.

APHNEUS [Lycaenidae].
——— *drucei.* Neave. 302.
——— *questiauxi.* Aurivillius. 23.
——— *rattrayi.* Sharpe. 410.

APICIA [Geometridae].
——— *bottgeri.* Warren. 491.
——— *citrina.* Warren. 491.
——— *subfasciata* ab. *obscurata* n. ab. Warren. 488.

Apiciopsis n. gen. [Geometridae]. Warren. 488.
——— *angusta.* Warren. 488.
——— *obliquaria.* Warren. 488.

APLECTA [Noctuidae].
——— *nebulosa* var *thompsoni.* n. var. Arkle. 15.

APLODES [Geometridae].
——— *punctata.* Warren. 488.
——— *rubifrontaria* var. *darwiniata* n. var. Dyar. 100.

Aplorama n. gen. [Geometridae]. Warren. 488.

APOPESTES [Noctuidae].
——— *spectrum* var. *koreana* n. var. Herz. 192.

Apotistatus n. gen. [Tineidae]. Walsingham. 485.
——— *leucostictus.* Walsingham. 485.

Arawacus n. gen. [Lycaenidae]. Kaye. 231.

ARCHICHLORA [Geometridae].
——— *marcescens.* Warren. 489.

ARCTIA [Arctiidae].
——— *maculosa* var. *sojota* n. var. Četverikov. 59.

ARGUDA [Lasiocampidae].
——— *erectilinea.* Swinhoe. 443.
——— *pratti.* Bethune-Baker. 43.

ARGYNNIS [Nymphalidae].
——— *claudia.* Fawcett. 110.
——— *eujenia*: *genia* n. subsp. Fruhstorfer. 129.
——— *pales*: *eupales* n. subsp. Fruhstorfer. 129.
——— ——— *korla* n. subsp. Fruhstorfer. 129.
——— ——— *palina* n. subsp. Fruhstorfer. 129.

ARGYRITIS [Tineidae].
——— *ochricapilla.* Rebel. 338.

Argyrolepidia [Agaristidae].
——— *aequalis*: *capiens* n. subsp. Jordan. 224.
——— ——— *integra* n. subsp. Jordan. 224.
Argyrophorus [Nymphalidae].
——— *lamna*. Thieme. 452.
Argyrotome [Geometridae].
——— *ferruginea* var. *albinata* n. var. Warren. 488.
Arhodia [Geometridae].
——— *modesta*. Warren. 490.
Arhopala [Lycaenidae].
——— *baluensis*. Bethune-Baker. 42.
——— *halmaheira*. Bethune-Baker. 42.
——— *sublustris*. Bethune-Baker. 42.
Aricoris [Erycinidae].
——— *striata*. Druce. 92.
Aristotelia [Tineidae].
——— *antipala*. Meyrick. 290.
——— *epimetalla*. Meyrick. 290.
——— *furtiva*. Meyrick. 290.
——— *harrisonella*. Busck. 51.
——— *macrothecta*. Meyrick. 290.
——— *natalella*. Busck. 51.
——— *pamphaea*. Meyrick. 290.
——— *sinistra*. Meyrick. 290.
——— *tetracosma*. Meyrick. 290.
——— *thetica*. Meyrick. 290.
Arotis n. gen. [Hesperidae]. Mabille. 280.
——— *sirene*. Mabille. 280.
Arotria n. gen. [Tineidae]. Meyrick. 290.
——— *iophaca*. Meyrick. 290.
Asbolis n. gen. [Hesperidae]. Mabille. 280.
Asestra [Geometridae].
——— *ustularia*. Warren. 488.
Asthena [Geometridae].
——— *euthecta*. Turner. 464.
——— *pulcharia* var. *decolor* n. var. Turner. 464.
Astyochia [Geometridae].
——— *membranacea*. Warren. 491.
——— *subliturata*. Dognin. 88.
Asura [Arctiidae].
——— *aroa*. Bethune-Baker. 43.
——— *brunneofasciata*. Bethune-Baker. 43.
——— *dinawa*. Bethune-Baker. 43.
——— *flaveola*. Bethune-Baker. 43.
Asura [Arctiidae].
——— *ochreomaculata*. Bethune-Baker. 43.
——— *rosacea*. Bethune-Baker. 43.
——— *sagittaria*. Bethune-Baker. 43.
——— *unicolora*. Bethune-Baker. 43.
Asuridia [Arctiidae].
——— *ridibunda*. Piepers & Snellen. 319.
Atella [Nymphalidae].
——— *alcippe*: *enganica* n. subsp. Fruhstorfer. 134.
Atossa [Epiplemidae].
——— *alpherakii*. Herz. 192.
Attacus [Saturnidae].
——— *vibidia*. Druce. 94.
Atteria [Tortricidae].
——— *fumipennis*. Dognin. 88.
——— *purpurea*. Dognin. 88.
——— *unciana*. Dognin. 88.
Aulacomima n. gen. [Tineidae]. Meyrick. 290.
——— *trinervis*. Meyrick. 290.
Automolis [Arctiidae].
——— *dolens*. Druce. 94.
Axiodes [Geometridae].
——— *ennomaria*. Warren. 489.
Axiologa n. gen. [Lymantridae]. Turner. 465.
Azelina [Geometridae].
——— *albisecta*. Warren. 491.
——— *coronata*. Warren. 491.
——— *nigra*. Warren. 488.
——— *ochriscripta*. Warren. 488.
——— *vulpecula*. Dognin. 88.
Azochis [Pyralidae].
——— *rufidiscalis*. Hampson. 185.
Baniana [Noctuidae].
——— *pannicula*. Swinhoe. 446.
Banisia [Thyrididae].
——— *salmo*. Warren. 490.
Bassania [Geometridae].
——— *fortis*. Warren. 491.
Betanga [Nymphalidae].
——— *moluccana*. Swinhoe. 446.
Bibla n. gen. [Hesperidae]. Mabille. 280.
Birthama [Limacodidae].
——— *basibrunnea*. Swinhoe. 443.
——— *dinawa*. Bethune-Baker. 43.

BISTON [Geometridae].
——— *calaria*. Swinhoe. 444.

BLECHROMA [Geometridae].
——— *conflua*. Warren. 491.
——— *conspersa*. Warren. 491.
——— *nigricincta*. Warren. 491.

BOARMIA [Geometridae].
——— *aroensis*. Rothschild. 363.
——— *cilicornaria*. Püngeler. 333.
——— *consortaria* var. *marginata* n. var. Herz. 192.
——— *dribaria*. Swinhoe. 444.
——— *ugandaria*. Swinhoe. 444.

BOCANA [Noctuidae].
——— *madida*. Swinhoe. 443.

BOMOLOCHA [Noctuidae].
——— *nigrobasalis*. Herz. 192.

BONATEA [Geometridae].
——— *maculata*. Dognin. 88.
——— *viridilinea*. Warren. 491.

BORDETA [Geometridae].
——— *aroensis*. Rothschild. 363.

Brabirodes n. gen. [Geometridae]. Warren. 491.
——— *peruviana*. Warren. 491.

BRACHMIA [Tineidae].
——— *procursella*. Rebel. 338.

Brachyctenistis n. gen. [Geometridae]. Warren. 488.
——— *undilinea*. Warren. 488.

Brachystichia n. gen. [Geometridae]. Warren. 488.
——— *nitida*. Warren. 488.

Brachytrita n. gen. [Geometridae]. Swinhoe. 444.
——— *cervinaria*. Swinhoe. 444.

BRADINA [Pyralidae].
——— *opacusalis*. Swinhoe. 443.

BRONCHELIA [Geometridae].
——— *fumistrota*. Warren. 491.

BRYOPTERA [Geometridae].
——— *bisignata*. Warren. 488.
——— *canidentata*. Warren. 488.
——— *ruficana*. Warren. 491.
——— *viridirufa*. Warren. 491.

BUCCULATRIX [Tineidae].
——— *mehadiensis*. Rebel. 338.

BURGENA [Agaristidae].
——— *splendida: pectoralis* n. subsp. Jordan. 224.

Busseola n. gen. [Noctuidae]. Thurau. 456.
——— *sorghicida*. Thurau. 456.

Buttia n. gen. [Geometridae]. Warren. 489.
——— *noctuodes*. Warren. 489.

BYRSIA [Arctiidae].
——— *amoena: guizonis* n. subsp. Jordan. 224.

CABIRA [Geometridae].
——— *lignicolor*. Warren. 488.

CALIGO [Nymphalidae].
——— *eurylochus* var. *minor* n. var. Kaye. 231.
——— ——— *pallidus* n. subsp. Fruhstorfer. 144.
——— *fruhstorferi*. Stichel. 433.
——— *memnon: peleus* n. subsp. Stichel. 432.
——— *saltus*. Kaye. 231.

CALLIMORPHA [Arctiidae].
——— *coccinea*. Swinhoe. 443.

CALLIPIA [Geometridae].
——— *admirabilis*. Warren. 491.
——— *aurata*. Warren. 488.
——— *flagrans*. Warren. 488.
——— *languescens*. Warren. 491.
——— *occulta*. Warren. 488.

CALLIPNEUSTES [Geometridae].
——— *strigosa*. Warren. 488.
——— *subsignata*. Warren. 488.

CALLOPISTRIA [Noctuidae].
——— *miracula*. Herz. 192.

CALOCALPE [Geometridae].
——— *chimu*. Dognin. 88.
——— *mochica*. Dognin. 88.

CALVIA [Erycinidae].
——— *fulvimargo*. Lathy. 258.

CALYPTOCOME [Geometridae].
——— *conversa*. Warren. 488.
——— *fragmentata*. Warren. 488.
——— *inornata*. Warren. 488.

CAMBOGIA [Geometridae].
——— *anguinata*. Warren. 488.
——— *antiopata*. Warren. 488.
——— *bellissima*. Warren. 488.
——— *delicatula*. Warren. 488.
——— *flavifulva*. Warren. 488.
——— *funiculata*. Warren. 488.
——— *griseicosta*. Warren. 488.
——— *intacta*. Warren. 488.
——— *lilacina*. Warren. 488.

CAMERUNIA [Eupterotidae].
———? *flava*. Aurivillius. 24.

CAMPYLONA [Geometridae].
——— *brunnea*. Warren. 491.
——— *contingens*. Warren. 491.

Candalides [Lycaenidae].
——— *pruina*. Druce. 93.

Caprimima [Arctiidae].
——— *choiseuli*. Jordan. 224.
——— *coerulescens: mononis*. Jordan. 224.

Caradrina [Noctuidae].
——— *albistigma*. Swinhoe. 443.
——— *nitens*. Dyar. 102.
——— *tacna*. Barnes. 32.

Caradrinopsis n. gen. [Geometridae]. Swinhoe. 444.
——— *obscuraria*. Swinhoe. 444.

Carcinopodia [Arctiidae].
——— *onychipodioides*. Heyn. 194.

Carea [Noctuidae].
——— *annae*. Swinhoe. 443.
——— *mathilda*. Swinhoe. 443.

Caripeta [Geometridae].
——— *interalbicans*. Warren. 488.

Casandria [Noctuidae].
——— *poliotis*. Hampson. 185.

Cascera [Notodontidae].
——— *bella*. Bethune-Baker. 43.

Castalius [Lycaenidae].
——— *eusemia*. Neave. 302.

Catabeleda n. gen. [Lasiocampidae]. Aurivillius. 20.

Catagramma [Nymphalidae].
——— *audofleda*. Thieme. 452.

Catascia [Geometridae].
——— *haydenata* ab. *obliterata* n. ab. Warren. 488.

Catatinagma n. gen. [Tineidae]. Rebel. 338.
——— *trivitellum*. Rebel. 338.

Catoblepia [Nymphalidae].
——— *xanthicles*: *belisar* n. subsp. Stichel. 432.

Catochrysops [Lycaenidae].
——— *nandensis*. Neave. 302.

Caularis [Noctuidae].
——— *lunata*. Hampson. 185.

Caviria [Lymantridae].
——— *dinawa*. Bethune-Baker. 43.

Cecidipta [Pyralidae].
——— *abnormalis*. Dognin. 88.

Celama [Arctiidae].
——— *aroa*. Bethune-Baker. 43.
——— *fuscibasis*. Bethune-Baker. 43.

Celerena [Geometridae].
——— *substigmaria*. Warren. 490.

Cerostoma [Tineidae].
——— *indecorella*. Rebel. 340.

Certima [Geometridae].
——— *ambusta*. Warren. 491.
——— *bottgeri*. Warren. 491.
——— *canisparsa*. Warren. 488.
——— *delectans*. Warren. 488.
——— *nubifera*. Warren. 488.
——— *pallidifrons*. Warren. 488.

Cerura [Notodontidae].
——— *multipunctata*. Bethune-Baker. 43.

Ceryx [Syntomidae].
——— *aroa*. Bethune-Baker. 43.
——— *subformicina*. Bethune-Baker. 43.
——— *swinhoei*. Bethune-Baker. 43.

Chalcosia [Zygaenidae].
——— *viridisuffusa*. Swinhoe. 443.

Chalia [Psychidae].
——— *laminati*. Heylaerts. 193.

Chaliniastis n. gen. [Tineidae]. Meyrick 290.
——— *astrapaea*. Meyrick. 290.

Chamaelimnas [Erycinidae].
——— *albivitta*. Lathy. 258.

Charaxes [Nymphalidae].
——— *harrisoni*. Sharpe. 408.
——— *jasius* var. *bachmetjevi* n. var. Fischer. 117.
——— *polyxena*: *enganicus* n. subsp. Fruhstorfer. 135, 134.

Charis [Erycinidae].
——— *candiope*. Druce. 92.
——— *mandosa*. Druce. 92.
——— *myrtis*. Druce. 92.

Chesias [Geometridae].
——— *spartiata* var. *capriata* n. var. Prout. 330.

Chionaema [Arctiidae].
——— *affinis*. Piepers & Snellen. 319.
——— *albomaculata*. Bethune-Baker. 43.
——— *aroa*. Bethune-Baker. 43.
——— *brunnea*. Bethune-Baker. 43.
——— *charybdis*. Bethune-Baker. 43.
——— *dinawa*. Bethune-Baker. 43.

Chloeria n. gen. [Hesperidae]. Mabille. 280.

CHLORIPPE [Nymphalidae].
——— *godmani*. Dannat. 76.

Chlorochaeta n. gen. [Geometridae]. Warren. 489.
——— *longipennis*. Warren. 489.

CHLOROCLYSTIS [Geometridae].
——— *ablechra*. Turner. 464.
——— *cissocosma*. Turner. 464.
——— *gonias*. Turner. 464.
——— *guttifera*. Turner. 461.
——— *metallospora*. Turner. 464.
——— *microptilota*. Warren. 488.
——— *mniochroa*. Turner. 464.
——— *sierraria*. Swinhoe. 444.

CHOGADA [Geometridae].
——— *acaciaria* ab. *flavipeta* n. ab. Warren. 489.
——— ——— ab. *fumata* n. ab. Warren. 489.

Chondrolepis n. gen. [Hesperidae]. Mabille. 280.

CHOREUTIS [Tineidae].
——— *balsamorrhizella*. Busck. 51.
——— *piperella*. Busck. 51.

CHRYSAEGLIA [Arctiidae].
——— *bipunctata*. Bethune-Baker. 43.

CHRYSOCRASPEDA [Geometridae].
——— *doricaria*. Swinhoe. 444.
——— *latiflavaria*. Swinhoe. 444.
——— *leighata*. Warren. 489.
——— *planaria*. Swinhoe. 444.
——— *zearia*. Swinhoe. 444.

CHRYSOPHANUS [Lycaenidae].
——— *dispar* ab. *nigrolineata* n. ab. Verity. 476.
——— *dorilis* ab. *upoleuca* n. ab. Verity. 476.

CHRYSOPOLOMA [Lasiocampidae].
——— *craicshayi*. Aurivillius. 24.
——— *nivea*. Aurivillius. 21.

CHRYSOSCOTA [Arctiidae].
——— *flavostrigata*. Bethune-Baker. 43.

CIDARIOPHANES [Geometridae].
——— *mamestrina*. Warren. 491.

CIMICODES [Geometridae].
——— *ruptimacula*. Warren. 488.

CLEOLOSIA [Arctiidae].
——— *aroa*. Bethune-Baker. 43.

CLEORA [Geometridae].
——— *gracilis*. Warren. 488.

CLERCKIA [Arctiidae].
——— *securizonis* : *guizonis*. n. subsp. Jordan. 224.

CNEPHORA [Geometridae].
——— *falcata*. Dognin. 88.

COENINA [Geometridae].
——— *dentataria*. Swinhoe. 444.

COENOCALPE [Geometridae].
——— *elongata*. Dognin. 88.

COENONYMPHA [Nymphalidae].
——— *mathewi*. Tutt. 472.

COLIAS [Pieridae].
——— *berylla*. Fawcett. 110.
——— *nina*. Fawcett. 110.

COLLUSA [Noctuidae].
——— *ekeikei*. Bethune-Baker. 43.

Colobodes n. gen. [Tineidae]. Meyrick. 290.
——— *insomnis*. Meyrick. 290.

COLPODONTA [Geometridae].
——— *phyllodontaria*. Warren. 491.

COMIBAENA [Geometridae].
——— *flavidisca*. Warren. 488.

COMMOPHILA [Tortricidae].
——— *fuscodorsana*. Kearfott. 232.

CONSTANTIA [Pyralidae].
——— *sinaica*. Rebel. 235.

CONTHEYLA [Limacodidae].
——— *birthama*. Bethune-Baker. 43.
——— *brunnea*. Swinhoe. 443.
——— *ekeikei*. Bethune-Baker. 43.
——— *lola*. Swinhoe. 443.
——— *pratti*. Bethune-Baker. 43.

COPHOCEROTIS [Geometridae].
——— *argentistriga*. Warren. 491.
——— *elria*. Warren. 491.
——— *instar*. Dognin. 88.
——— *margaritacea*. Warren. 491.
——— *submucosa*. Warren. 491.

COPTODISCA [Tineidae].
——— *arbutiella*. Busck. 51.

COPTOPTERYX [Geometridae].
——— *nigraria*. Swinhoe. 444.

COPTOTELIA [Tineidae].
——— *nigriplaga*. Dognin. 88.

CORONE [Hesperidae].
——— *oceanica*. Mabille. 280.
——— *tenebricosa*. Mabille. 280.

Cosmopteryx [Tineidae].
——— *villella*. Busck. 51.

Cosymbia [Geometridae].
——— *anandria*. Swinhoe. 444.

Crambus [Pyralidae].
——— *murellus*. Dyar. 100.
——— *numidellus*. Rebel. 340.
——— *plumbifimbriellus*. Dyar. 100.

Craspedia [Geometridae].
——— *atridiscata*. Warren. 488.
——— *conduplicata*. Warren. 488.
——— *cymiphora*. Hampson. 185.
——— *deaurata*. Warren. 488.
——— *dorsinigrata*. Warren. 488.
——— *internexata*. Warren. 488.
——— *trias*. Warren. 488.
——— ——— var *tincta* n. var. Warren. 488.
——— *trygodata*. Warren. 488.

Craspedotis n. gen. [Tineidae]. Meyrick. 290.
——— *pragmatica*. Meyrick. 290.
——— *soloeca*. Meyrick. 290.
——— *thinodes*. Meyrick. 290.

Cratoptera [Geometridae].
——— *subcitrina*. Warren. 488.

Cremna [Erycinidae].
——— *aza*. Druce. 92.

Cricosoma [Erycinidae].
——— *coccineata*. Kaye. 231.

Crocanthes [Tineidae].
——— *diula*. Meyrick. 290.
——— *glycina*. Meyrick. 290.
——— *halurga*. Meyrick. 290.
——— *perigrapta*. Meyrick. 290.
——— *zonias*. Meyrick. 290.

Crocopteryx [Geometridae].
——— *aurora*. Warren. 491.

Croespola n. gen. [Tineidae]. Meyrick. 290.

Cryptolechia [Tineidae].
——— *sexmaculata*. Dognin. 88.

Cryptoloba [Geometridae].
——— *dentifascia*. Warren. 490.

Ctenucha [Syntomidae].
——— *albolineata*. Druce. 94.

Cucullia [Noctuidae].
——— *agua*. Barnes. 32.
——— *clarior*. Fuchs. 156.
——— *indicta*. Smith. 417.
——— *oribae*. Barnes. 32.

Cupha [Nymphalidae].
——— *erymanthis: dohertyi* n. subsp. Fruhstorfer. 135, 134.

Cusiala [Geometridae].
——— *pulverosa*. Warren. 489.

Cycethra n. gen [Lasiocampidae]. Bethune-Baker. 43.
——— *arca*. Bethune-Baker. 43.

Cyclopides [Hesperiidae].
——— *trisignatus*. Neave. 302.

Cydia [Tortricidae].
——— *arctostaphylana*. Kearfott. 232.
——— *pseudosutyana*. Kearfott. 232.

Cyllopoda [Geometridae].
——— *angustistriga*. Warren. 488.
——— *chibcha* ab. *cuneifera* n. ab. Warren. 488.

Cymatomorpha n. gen. [Tineidae]. Meyrick. 290.
——— *euplecta*. Meyrick. 290.

Cymatophora [Geometridae].
——— *chancani*. Dognin. 88.
——— *dislocata*. Warren. 488.
——— *matilda*. Dyar. 100.
——— *modesta*. Warren. 491.
——— *muscosa*. Warren. 488.
——— *reducta*. Warren. 491.
——— *striata*. Warren. 491.

Cyrestis [Nymphalidae].
——— *giloloensis*. Lathy. 259.

Dalla n. gen. [Hesperidae]. Mabille. 280.

Darna [Geometridae].
——— *flammifera*. Warren. 491.
——— *praclata*. Warren. 491.
——— *rubriplaga*. Warren. 488.
——— *volitans*. Warren. 488.

Dasychira [Lymantridae].
——— *angelus*. Četverikov. 59.
——— *bergmannii*. Swinhoe. 443.
——— *brunnea*. Bethune-Baker. 43.
——— *hieroglyphica*. Swinhoe. 443.
——— *kenricki*. Bethune-Baker. 43.
——— *libella*. Swinhoe. 443.
——— *minor*. Bethune-Baker. 43.
——— *subnigra*. Bethune-Baker. 43.
——— *subnigrapunctata*. Bethune-Baker. 43.

Dasychiroides n. gen. [Lymantridae]. Bethune-Baker. 43.
——— *bicolora*. Bethune-Baker. 43.
——— *brunneostrigata*. Bethune-Baker. 43.
——— *nigrostrigata*. Bethune-Baker. 43.
——— *obsoleta*. Bethune-Baker. 43.
——— *pratti*. Bethune-Baker. 43.

Dasysterna n. gen. [Geometridae]. Turner. 464.

Dasyuris [Geometridae].
——— *caesia*. Turner. 464.
——— *hedylepta*. Turner. 464.

Dectobathra n. gen. [Tineidae]. Meyrick. 290.
——— *amethystina*. Meyrick. 290.
——— *choristis*. Meyrick. 290.
——— *insignis*. Meyrick. 290.

Deilemera [Arctiidae].
——— *dinawa*. Bethune-Baker. 43.
——— *eddela*. Swinhoe. 446.
——— *pratti*. Bethune-Baker. 43.
——— *kebeae*. Bethune-Baker. 43.
——— *rattrayi*. Swinhoe. 443.

Deinopygia n. gen. [Geometridae]. Warren. 491.
——— *caudata*. Warren. 491.

Delias [Pieridae].
——— *alberti*. Rothschild. 361.
——— *clathrata*. Rothschild. 357.
——— *dives*. Rothschild. 357.
——— *eichhorni*. Rothschild. 357.
——— *hempeli*. Dannatt. 76.
——— *meeki*. Rothschild. 357.
——— *microsticha*. Rothschild. 357.
——— *mira*. Rothschild. 357.
——— *schoenbergi*: *choiseuli* n. subsp. Rothschild. 361.
——— *timorensis*: *gardineri*. n. subsp. Fruhstorfer. 136.

Depressaria [Tineidae].
——— *alienella*. Busck. 51.
——— *canella*. Busck. 51.
——— *pallidella*. Busck. 51.
——— *rosaciliella*. Busck. 51.

Desmia [Pyralidae].
——— *microstictalis*. Hampson. 185.

Deudorix [Lycaenidae].
——— *leonina*. Bethune-Baker. 41.

Deuteroptila n. gen. [Tineidae]. Meyrick. 290.
——— *sphenophora*. Meyrick. 290.

Devarodes n. gen. [Geometridae]. Warren. 488.
——— *albibasis*. Warren. 488.
——— *semialbata*. Warren. 488.
——— *subtincta*. Warren. 491.
——— *vestigiata*. Warren. 488.

Diacrisia [Arctiidae].
——— *dinawa*. Bethune-Baker. 43.
——— *kebea*. Bethune-Baker. 43.
——— *pratti*. Bethune-Baker. 43.
——— *sanio* var. *caucasica* n. var. Šapošnikov. 370.

Diactinia [Geometridae].
——— *albinodosa*. Warren. 488.

Dianthoecia [Noctuidae].
——— *lypra*. Püngeler. 333.

Dicallaneura [Erycinidae].
——— *amabilis*. Rothschild. 363.
——— *ekeikei*. Bethune-Baker. 43.

Dicentria [Notodontidae].
——— ? *hertha*. Dognin. 88.
——— *ravana*. Dognin. 88.

Diceratucha n. gen. [Geometridae]. Swinhoe. 445.

Dichorda [Geometridae].
——— *obliquata*. Warren. 491.
——— *perpendiculata*, Warren. 491.

Dichromatopodia [Geometridae].
——— *distans*. Warren. 488.

Didonis [Nymphalidae].
——— *laticlava*. Thieme. 452.

Diestogyna [Nymphalidae].
——— *hobleyi*. Neave. 302.
——— *intermixta*. Aurivillius. 22.
——— *iris*. Aurivillius. 23.

Dinawa n. gen. [Limacodidae]. Bethune-Baker. 43.
——— *nigricans*. Bethune-Baker. 43.
——— *rufa*. Bethune-Baker. 43.

Diploctena n. gen. [Geometridae]. Turner. 464.
——— *argocyma*. Turner. 464.

Diversosexus n. gen. [Lymantridae]. Bethune-Baker. 43.
——— *aroa*. Bethune-Baker. 43.
——— *bicolor*. Bethune-Baker. 43.

Dolichopyge [Geometridae].
——— *caniopersa*. Warren. 488.
——— *fulvistriga*. Warren. 488.

Doryodes [Noctuidae].
——— *insularia*. Hampson. 185.

Drepanodes [Geometridae].
——— *fulvilinea*. Warren. 488.

Drucia [Geometridae].
——— *latimargo*. Warren. 488.

Duomitus [Cossidae].
——— *benestriata*. Hampson. 185.

Durbana n. gen. [Geometridae]. Warren. 489.

Dyscia [Geometridae].
——— *incondita*. Warren. 489.
——— *perplexata*. Warren. 489.

Dysodia [Thyrididae].
——— *flammata*. Warren. 489.

Dysphania [Geometridae].
——— *azurea*. Bastelberger. 37.
——— *cancellata*. Bastelberger. 37.
——— *chrysocraspedata*. Warren. 490.
——— *deflavata*. Warren. 490.
——— *peregrina*. Bastelberger. 37.

Dyspteris [Geometridae].
——— *parvula*. Warren. 491.

Ectropis [Geometridae].
——— *fulvitincta*. Warren. 489.
——— *nacaria*. Swinhoe. 444.

Elachista [Tineidae].
——— *dimicatella*. Rebel. 338.

Ellopia [Geometridae].
——— *prosopiaria* var. *ochrearia* n. var. Joannis. 222.

Elphos [Geometridae].
——— *picaria*. Warren. 490.

Elymnias [Nymphalidae].
——— *agondas* : *agondina* n. subsp. Fruhstorfer. 132.
——— ——— *moranda* n. subsp. Fruhstorfer. 132.
——— *cybele* : *obiana* n. subsp. Fruhstorfer. 132.

Emesis [Erycinidae].
——— *guppyi*. Kaye. 231.

Emmiltis [Geometridae].
——— *caducaria*. Swinhoe. 444.
——— *cassiaria*. Swinhoe. 444.
——— *cinerosaria*. Warren. 491.
——— *convergens*. Warren. 491.
——— *fumosaria*. Swinhoe. 444.
——— *magnidiscata*. Warren. 489.
——— *mombasae*. Warren. 489.
——— *peararia*. Swinhoe. 441.
——— *perfumosa*. Warren. 491.
——— *roezaria*. Swinhoe. 444.
——— *sinuaria*. Swinhoe. 444.
——— *viliosaria*. Swinhoe. 444.

Emplocia [Geometridae].
——— *caliadata*. Warren. 488.

Enarmonia [Tortricidae].
——— *cockleana*. Kearfott. 232.

Encoma n. gen. [Geometridae]. Swinhoe. 444.
——— *irisaria*. Swinhoe. 444.

Entogonia n. gen. [Geometridae]. Warren. 488.
——— *schistacea*. Warren. 488.

Enydra [Agaristidae].
——— *karschi*. Bartel. 35.

Eoöxylides [Lycaenidae].
——— *tharis* : *enganicus* n. subsp. Fruhstorfer. 134.
——— ——— *javanicus*. n. subsp. Fruhstorfer. 130.
——— ——— *latipictus* n. subsp. Fruhstorfer. 130.
——— ——— *tharisides* n. subsp. Fruhstorfer. 130.

Epanaphe [Notodontidae].
——— *clarilla*. Aurivillius. 24.

Epermenia [Tineidae].
——— *kroneella*. Rebel. 338.

Ephelictis n. gen. [Tineidae]. Meyrick. 290.
——— *megalarthra*. Meyrick. 290.
——— *neochalca*. Meyrick. 290.

Ephestia [Pyralidae].
——— *amarella*. Dyar. 100.

Ephestiodes [Pyralidae].
——— *benjaminella*. Dyar. 100.

Ephialtas [Geometridae].
——— *fornax* ab. *latimargo* n. ab. Warren. 488.

Epiblema [Tortricidae].
——— *subuculana*. Rebel. 338.

Epibrontis n. gen. [Tineidae]. Meyrick. 290.

Epimimastis n. gen. [Tineidae]. Meyrick. 290.

Epinephele [Nymphalidae].
——— *tithonus* var. *albida* n. var. Russell. 367.

Epiphthora [Tineidae].
——— *achnias*. Meyrick. 290.
——— *autoleuca*. Meyrick. 290.
——— *belonodes*. Meyrick. 290.
——— *conoombra*. Meyrick. 290.
——— *cryolopha*. Meyrick. 290.
——— *drosias*. Meyrick. 290.
——— *harpastis*. Meyrick. 290.
——— *isonira*. Meyrick. 290.

EPIPHTHORA [Tineidae].
——— *lemurella*. Meyrick. 290.
——— *leucomichla*. Meyrick. 290.
——— *megalornis*. Meyrick. 290.
——— *miarodes*. Meyrick. 290.
——— *microtima*. Meyrick. 290.
——— *niphaula*. Meyrick. 290.
——— *phantasta*. Meyrick. 290.
——— *psychrodes*. Meyrick. 290.
——— *spectrella*. Meyrick. 290.
——— *thyellias*. Meyrick. 290.

EPIPLEMA [Epiplemidae].
——— *commixtata*. Warren. 488.
——— *dohertyi*. Warren. 489.
——— *lucisquamata*. Warren. 491.
——— *pallifrons*. Warren. 488.
——— *rectilinea*. Warren. 488.
——— *rostrifera*. Warren. 488.
——— *scabra*. Warren. 488.
——— *semipicta*. Warren. 489.
——— *vulpecula*. Warren. 488.

EPIRRHOE [Geometridae].
——— *heliopharia*. Swinhoe. 444.
——— *limitata*. Warren. 491.

EPISOTHALMA [Geometridae].
——— *kabaria*. Swinhoe. 444.

EPISTOR [Sphingidae].
——— *bathus*. Rothschild. 350.

Epithectis n. gen. [Tineidae]. Meyrick. 290.

EPITOLA [Lycaenidae].
——— *albomaculata*. Bethune-Baker. 41.
——— *dorothea*. Bethune-Baker. 41.
——— *kholifa*. Bethune-Baker. 41.
——— *sublustris*. Bethune-Baker. 41.
——— *virginea*. Bethune-Baker. 41.

EPITOLINA [Lycaenidae].
——— *catori*. Bethune-Baker. 41.

EPIZEUXIS [Noctuidae].
——— *lunulata*. Herz. 192.

ERASTRIA [Noctuidae].
——— *martjanovi*. Četverikov. 59.

ERATEINA [Geometridae].
——— *caeruleopicta*. Warren. 491.

ERCHEIA [Noctuidae].
——— *abnormis*. Swinhoe. 446.

EREBIA [Nymphalidae].
——— *neoridas* var. *albovittata* n. var. Verity. 476.
——— ——— var. *etrusca* n. var. Verity. 476.
——— *palarica*. Chapman. 62.

EREBOCHLORA [Geometridae].
——— *ruficostaria*. Warren. 488.
——— ——— var. *pernigrata* n. var. Warren. 488.
——— ——— ab. *semifumata* n. ab. Warren. 491.
——— *sublactea*. Warren. 488.

Eremica n. gen. [Tineidae]. Walsingham. 485.
——— *lithochroma*. Walsingham. 485.
——— *saharae*. Walsingham. 485.

ERILOPHODES [Geometridae].
——— *indistincta*. Warren. 488.

ERIOCRANIA [Micropterygidae].
——— *argyrolepidella*. Fuchs. 156.

ERIOPYGIDIA [Geometridae].
——— *engelkei*. Warren. 488.
——— *flavisquamata*. Dognin. 88.
——— *locuples*. Warren. 488.
——— *nigrirubrata*. Warren. 491.
——— *rufivena*. Warren. 488.
——— *subignea*. Dognin. 88.

ERYCINA [Erycinidae].
——— *latifasciata*. Lathy. 258.
——— *mendita*. Druce. 92.

ERYPHANIS [Nymphalidae].
——— *polyxena* : *novica* n. subsp. Stichel. 432.

EUBLEMMA [Noctuidae].
——— *vestina*. Swinhoe. 443.

Eubordeta n. gen. [Geometridae]. Rothschild. 363.
——— *eichhorni*. Rothschild. 363.
——— *meeki*. Rothschild. 363.
——— *miranda*. Rothschild. 363.

Eucalantica n. gen. [Tineidae]. Busck. 51.

EUCESTIA [Geometridae].
——— *neddaria*. Swinhoe. 444.

EUCHLORIS [Geometridae].
——— *heterospila*. Hampson. 185.

EUCHONTHA [Geometridae].
——— *commixta*. Warren. 488.
——— *memor*. Warren. 488.

Eucymatoge [Geometridae].
——— *albirivata*. Warren. 491.
——— *decorata*. Warren. 491.
——— *longipennata*. Warren. 491.
——— *ochrosoma*. Warren. 488.
——— *peplodes*. Turner. 464.
——— *scotodes*. Turner. 464.

Eudule [Geometridae].
——— *arctiata*. Warren. 491.
——— *flavinota*. Warren. 488.
——— *malefida*. Warren. 488.
——— *simulans*. Warren. 491,

Eugivira [Cossidae].
——— *flavescens*. Dognin. 88.
——— *gemina*. Dognin. 88.

Eugoa [Arctiidae].
——— *conflua*. Bethune-Baker. 43.
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Eulepis [Nymphalidae].
——— *pyrrhus: romanus* n. subsp. Fruhstorfer. 147.

Eulype [Geometridae].
——— *albifusa*. Swinhoe. 445.

Eunotela [Notodontidae].
——— *moqui*. Barnes. 32

Euomoea [Geometridae].
——— *carneata*. Warren. 489.

Eupagia [Geometridae].
——— *nigerrima*. Swinhoe. 444.

Euphaedra [Nymphalidae].
——— *paradoxa*. Neave. 302.
——— *rattrayi*. Sharpe. 409.

Eupithecia [Geometridae].
——— *assectata*. Dietz. 85.
——— *chesiata*. Dietz. 85.
——— *concremata*. Dietz. 85.
——— *cooptata*. Dietz. 85.
——— *daemoniata*. Dietz. 85.
——— *dearmata*. Dietz. 85.
——— *extinctata*. Dietz. 85.
——— *illaborata*. Dietz. 85.
——— *laterata*. Dietz. 85.
——— *novata*. Dietz. 85.
——— *recens*. Dietz. 85.
——— *relictata*. Dietz. 85.
——— *rubellata*. Dietz. 85.
——— *scortillata*. Dietz. 85.
——— *vacuata*. Dietz. 85.
——— *vicariata*. Dietz. 85.

Euplexia [Noctuidae].
——— *leucobasis*. Hampson. 185.

Euploea [Nymphalidae].
——— *dufresnei: nica* n. subsp. Fruhstorfer. 134.
——— *moorei: thiemei* n. subsp. Fruhstorfer. 133.
——— *phaenareta: hollandi* n. subsp. Fruhstorfer. 128.
——— ——— *rolanda* n. subsp. Fruhstorfer. 128.

Euproctis [Lymantridae].
——— *albociliata*. Bethune-Baker. 43.
——— *arca*. Bethune-Baker. 43.
——— *dinawa*. Bethune-Baker. 43.
——— *ericydes*. Turner. 465.
——— *flavicaput*. Bethune-Baker. 43.
——— *fuscoradiata*. Bethune-Baker. 43.
——— *irregularis*. Bethune-Baker. 43.
——— *kebeae*. Bethune-Baker. 43.
——— *leptotypa*. Turner. 465.
——— *lyclene*. Swinhoe. 443.
——— *lyoma*. Swinhoe. 445.
——— *nigroapicalis*. Bethune-Baker. 43.
——— *novaeguinensis*. Bethune-Baker. 43.
——— *parallelaria*. Bethune-Baker. 43.
——— *pratti*. Bethune-Baker. 43.
——— *revera*. Swinhoe. 446.
——— *rubioradiata*. Bethune-Baker. 43.
——— *sublutea*. Bethune-Baker. 43.
——— *swinhoei*. Bethune-Baker. 43.
——— *virginea*. Bethune-Baker. 43.
——— *yulei*. Bethune-Baker. 43.

Euptera [Nymphalidae].
——— *dorothea*. Bethune-Baker. 41.

Eupterote [Eupterotidae].
——— *jaresia*. Swinhoe. 443.

Eurybia [Erycinidae].
——— *coerulescens*. Druce. 92.
——— *sinuaces*. Druce. 92.

Eurygona [Erycinidae].
——— *candaria*. Druce. 92.
——— *ocalea*. Druce. 92.
——— *subargentea*. Lathy. 258.

Euryphene [Nymphalidae].
——— *fulgurata*. Aurivillius. 22.

Eusenea [Geometridae].
——— *castanea*. Warren. 489.

Eustema [Notodontidae].
——— *carama*. Druce. 94.

Euthalia [Nymphalidae].
——— *adona*: *pura* n. subsp. Fruhstorfer. 137.
——— *grabczewskii*. Püngeler. 333.
——— *lubentina*: *adeonides* n. subsp. Fruhstorfer. 137.
——— ——— *chersonesia* n. subsp. Fruhstorfer. 137.
——— ——— *indica* n. subsp. Fruhstorfer. 137.
——— ——— *mariae* n. subsp. Fruhstorfer. 137.

Eutomopepla [Geometridae].
——— *brunnea*. Dognin. 88.
——— *fulgorifera*. Warren. 488.

Eutrichocera n. gen. [Pyralidae]. Hampson. 185.
——— *paurolepidalis*. Hampson. 185.

Euxoa [Noctuidae].
——— *chretieni*. Dumont. 97.
——— *pestula*. Smith. 417.
——— *polybela*. Joannis. 219.

Euzopherodes [Pyralidae].
——— *megalopalis*. Hampson. 185.

Exelis [Geometridae].
——— *extorris*. Warren. 489.
——— *fumida*. Warren. 489, 491.

Fagitana [Noctuidae].
——— *parallela*. Hampson. 185.

Fulgurodes [Geometridae].
——— *subnotata*. Warren. 491.

Gabriola n. gen. [Geometridae]. Taylor. 447.
——— *dyari*. Taylor. 447.

Gagitodes [Geometridae].
——— *plumbinotata*. Warren. 491.

Garudinistis [Arctiidae].
——— *aroa*. Bethune-Baker. 43.

Gelasma [Geometridae].
——— *stigmatica*. Warren. 488.

Gelechia [Tineidae].
——— *bathropsis*. Meyrick. 290.
——— *ceanothiella*. Busck. 51.
——— *cerastomatella*. Walsingham. 485.
——— *epactaea*. Meyrick. 290.
——— *erubescens*. Walsingham. 485.

Gelechia [Tineidae].
——— *heligmatodes*. Walsingham. 485.
——— *lacertella*. Walsingham. 485.
——— *mandella*. Busck. 51.
——— *monella*. Busck. 51.
——— *montiraga*. Walsingham. 485.
——— *nephelombra*. Meyrick. 290.
——— *nigrorosea*. Walsingham. 485.
——— *sinuatella*. Walsingham. 485.

Geodena [Hypsidae].
——— *acera*. Swinhoe. 443.
——— *bandagoma*. Swinhoe. 443.
——— *inferma*. Swinhoe. 443.
——— *partita*. Swinhoe. 443.
——— *semihyalina*. Swinhoe. 443.
——— *suffusa*. Swinhoe. 443.
——— *surrendra*. Swinhoe. 443.

Geolycis [Geometridae].
——— *rufaria*. Swinhoe. 444.

Gloveria [Lasiocampidae].
——— *coronada*. Barnes. 32.

Glyphidocera [Tineidae].
——— *septentrionella*. Busck. 51.

Glyphodes [Pyralidae].
——— *intermedialis*. Dognin. 88.

Gnophos [Geometridae].
——— *exsuctacia*. Püngeler. 333.
——— *operaria* var. *holeneri* n. var. Rebel. 341.
——— *orbicularia*. Püngeler. 333.

Gnorimoschema [Tineidae]
——— *bucolica*. Meyrick. 290.
——— *eschatopis*. Meyrick. 290.
——— *marina*. Meyrick. 290.
——— *petrinodes*. Meyrick. 290.
——— *pyrrhanthes*. Meyrick. 290.
——— *radiatella*. Busck. 51.
——— *splendoriferella*. Busck. 51.
——— *washingtoniella*. Busck. 51.
——— *xerophnella*. Meyrick. 290.

Godasia [Agaristidae].
——— *sidae* var. *orientalis* n. var. Bartel. 35.

Gonanticlea [Geometridae].
——— *subpilosa*. Warren. 490.

Gonochlora n. gen. [Geometridae]. Swinhoe. 444.
——— *minutaria*. Swinhoe. 444.

Gonodela [Geometridae].
——— *interlineata*. Warren. 489.
——— *leighi*. Warren. 489.
——— *transvisata*. Warren. 489.

Gonodontis [Geometridae].
——— *aemoniaria*. Swinhoe. 444.
——— *azelinaria*. Swinhoe. 444.
——— *bidentata* var. *exsul* n. var. Četverikov. 59.

Gracilaria [Tineidae].
——— *barringtoniella*. Deventer. 82.
——— *diffluella*. Deventer. 82.
——— *eugeniella*. Deventer. 82.
——— *glutella*. Deventer. 82.
——— *grisella*. Deventer. 82.
——— *murtfeldtella*. Busck. 51.
——— *protiella*. Deventer. 82.
——— *soyella*. Deventer. 82.

Grapholitha [Tortricidae].
——— *larseni*. Rebel. 338.

Graphosia [Arctiidae].
——— *ochracea*. Bethune-Baker. 43.

Grotella [Noctuidae].
——— *blanca*. Barnes. 32.
——— *tricolor*. Barnes. 32.

Gunda [Bombycidae].
——— *aroa*. Bethune-Baker. 43.
——— *kebeae*. Bethune-Baker. 43.

Gymnoscelis [Geometridae].
——— *acidua*. Turner. 464.
——— *delocyma*. Turner. 464.
——— *lophopus*. Turner. 464.

Gyostega n. gen. [Geometridae]. Warren. 488.
——— *floccosa*. Warren. 488.

Hadena [Noctuidae].
——— *kyune*. Barnes. 32.
——— *maida*. Dyar. 102.
——— *tenera*. Smith. 101.

Haemalea [Geometridae].
——— *atridiscata*. Warren. 488.

Haematera [Nymphalidae].
——— *pyramus* var. *rubra* n. var. Kaye. 231.

Haggardia n. gen. [Geometridae]. Warren. 489.
——— *melanostigma*. Warren. 489.

Halesidota [Arctiidae].
——— *albipennis*. Hampson. 185.

Halone [Arctiidae].
——— *flavopunctata*. Bethune-Baker. 43.

Hammaptera [Geometridae].
——— *acruginata*. Warren. 488.
——— *apicata*. Warren. 488.
——— *cacuminata*. Warren. 488.
——— *nigrolineata*. Warren. 488.
——— *subalbata*. Warren. 488.

Hapygia [Notodontidae].
——— *esbrella*. Barnes. 32.

Harma [Nymphalidae].
——— *marmorata*. Sharpe. 409.

Hasora [Hesperidae].
——— *attenuata*. Mabille. 280.

Helicopis [Erycinidae].
——— *elegans*. Kaye. 231.

Heliopetes [Hesperidae].
——— *conceinnata*. Mabille. 280.

Heliozela [Tineidae].
——— *praeustella*. Deventer. 82.
——— *sobrinella*. Deventer. 82.

Hemerophila [Geometridae].
——— *brunnearia*. Herz. 192.
——— *mailaria*. Swinhoe. 444.

Hemerophila [Tineidae].
——— *alpinella*. Busck. 51.
——— *kincaidiella*. Busck. 51.

Hemiarcha n. gen. [Tineidae]. Meyrick. 290.

Hemiceras [Notodontidae].
——— *constellata*. Dognin. 88.
——— *pilacho*. Barnes. 32.
——— *pogoda*. Dognin. 88.

Hemicopsis n. gen. [Geometridae]. Swinhoe. 444.
——— *purpuraria*. Swinhoe. 444.

Hemioplisis [Geometridae].
——— ? *alternata*. Warren. 488.
——— *metallica*. Warren. 488.

Hemithea [Geometridae].
——— *sapiolaria*. Swinhoe. 444.

Hemixera n. gen. [Geometridae]. Warren. 488.
——— *orthosioides*. Warren. 488.

Henotesia [Nymphalidae].
——— *centralis*. Aurivillius. 23.

Hepialiscus [Hepialidae].
——— *algeriensis*. Joannis. 220.

Herbita [Geometridae].
——— *aemula*. Warren. 488.
——— *cervina*. Warren. 488.

Heterephyra [Geometridae].
——— *pustulata*. Warren. 488.

Hetererannis n. gen. [Geometridae]. Warren. 488.

Heterocampa [Notodontidae].
——— *dolens*. Druce. 94.
——— *longula*. Druce. 94.
——— *luteilinea*. Druce. 94.

Heterogynis [Heterogynidae].
——— *canalensis*. Chapman. 60.

Heteroleuca n. gen. [Geometridae]. Warren. 488.
——— *albida*. Warren. 488.

Heterolocha [Geometridae].
——— *xerophilaria*. Püngeler. 333.

Heteronympha [Nymphalidae].
——— *solandri*. Waterhouse. 492.

Heterorachis [Geometridae].
——— *rubella*. Warren. 489.

Heterusia [Geometridae].
——— *amplificata*. Warren. 488.
——— *binotata*. Warren. 491.
——— ——— var. *suffrisa* n. var. Warren. 491.
——— *clarimargo*. Warren. 491.
——— *fractifascia* Warren. 488.
——— *liturata*. Warren. 488.
——— *ludisignata*. Warren. 488.
——— *picata*. Dognin. 88.
——— *semiflava*. Jordan. 224.
——— *subspurcata*. Warren. 488.
——— *tessellata*. Warren. 491.
——— *thyridata*. Warren. 488.

Himella [Noctuidae].
——— *infidelis*. Dyar. 102.

Himeromima n. gen. [Geometridae]. Warren. 488.

Hirasa [Geometridae].
——— *denticulata*. Warren. 489.

Hirsutopalpis n. gen. [Notodontidae]. Bethune-Baker. 43.
——— *fasciata*. Bethune-Baker. 43.

Homohadena [Noctuidae].
——— *cocklei*. Dyar. 102.
——— *fifia*. Dyar. 102.

Hyalopola n. nom. [Geometridae]. Warren. 488.

Hyalorrhoë n. gen [Geometridae]. Warren. 488.
——— *stigmatica*. Warren. 488.

Hydata [Geometridae].
——— *diaphana*. Warren. 488.

Hydatocapnia [Geometridae].
——— *subapicata*. Warren. 489.

Hydatoscia n. gen. [Geometridae]. Warren. 488.

Hydriomena [Geometridae].
——— *arachnitis*. Turner. 464.
——— *callima*. Turner. 464.
——— *crocota*. Turner. 464.
——— *loxocyma*. Turner. 464.
——— *ochreiplaga*. Warren. 488.
——— *plagiocausta*. Turner. 464.
——— *plesia*. Turner. 464.
——— *psarodes*. Turner. 464.
——— *scalata*. Warren. 491.
——— *trissophrica*. Turner. 464.

Hygrochroa [Bombycidae].
——— *intricata*. Druce. 94.

Hygrochroma [Geometridae].
——— *catenulata*. Warren. 491.
——— *flexilinea*. Warren. 488.
——— *subusta*. Warren. 488.

Hylemera [Geometridae].
——— *auridisca*. Warren. 489.
——— *capilifera*. Warren. 489.

Hymenia [Pyralidae].
——— *exodias*. Meyrick. 291.

Hymenomima [Geometridae].
——— *carneata*. Warren. 488.
——— *rufata*. Warren. 488.
——— *schisticolor*. Warren. 488.

Hyodectis n. gen. [Tineidae]. Meyrick. 290.
——— *crenoides*. Meyrick. 290.

Hypenodes [Noctuidae].
——— *arrhecta*. Meyrick. 292.
——— *leptoxantha*. Meyrick. 291.
——— *separatalis*. Herz. 192.

Hyperaeschra [Notodontidae].
——— *collaris*. Swinhoe. 415.

Hyperectis n. gen. [Pyralidae] Meyrick. 292.
——— *dioctias*. Meyrick. 292.

Hyperythra [Geometridae].
——— *rubricata* ab. *decolor* n. ab. Warren. 490.

Hyphedyle [Geometridae].
——— *subornata*. Warren. 491.

Hyphenophera [Geometridae].
——— *aemonia*. Swinhoe. 444.

Hypochrosis [Geometridae].
——— *aetionaria*. Swinhoe. 444.

Hypolampsis [Pyralidae].
——— *tessellata*. Swinhoe. 445.

Hypolepis n. gen. [Geometridae]. Warren. 488.
——— *albistriga*. Warren. 488.
——— *brunneata*. Warren. 491.
——— *castanea*. Warren. 488.
——— *completa*. Warren. 491.
——— *conspersata*. Warren. 488.
——— *plumbescens*. Warren. 488.
——— *prunicolor*. Warren. 488.
——— *sordida*. Warren. 488.
——— *strigosa*. Warren. 488.

Hypolimnas [Nymphalidae].
——— *bolina* : *enganica* n. subsp. Fruhstorfer. 134.

Hypolycaena [Lycaenidae].
——— *moyambina*. Bethune-Baker. 41.
——— *ugandae*. Sharpe. 410.

Hypometalla n. gen. [Geometridae]. Warren. 491.

Hyposidra [Geometridae].
——— *smithi*. Warren. 489.

Iaspis n. gen. [Lycaenidae]. Kaye. 231.

Idiophantis n. gen. [Tineidae]. Meyrick. 290.
——— *habrias*. Meyrick. 290.

Ilema [Arctiidae].
——— *castistrigata*. Bethune-Baker. 43.
——— *dinawa*. Bethune-Baker. 43.
——— *ekeikei*. Bethune-Baker. 43.
——— *hades*. Bethune-Baker. 43.
——— *nivea*. Bethune-Baker. 43.
——— *unicolora*. Bethune-Baker. 43.

Imaus [Lymantridae].
——— *aroa*. Bethune-Baker. 43.
——— *dubia*. Bethune-Baker. 43.
——— *marginepunctata*. Bethune-Baker. 43.
——— *nireus*. Bethune-Baker. 43.
——— *pratti*. Bethune-Baker. 43.
——— *spodea*. Bethune-Baker. 43.
——— *sulphurea*. Bethune-Baker. 43.

Incurvaria [Tineidae].
——— *piperella*. Busck. 51.
——— *stangei*. Rebel. 338.

Iolaus [Lycaenidae].
——— *albomaculatus*. Sharpe. 410.
——— *catori*. Bethune-Baker. 41.
——— *hemicyanus*. Sharpe. 410.

Ira [Geometridae].
——— *dislocata*. Warren. 488.
——— *funerea*. Warren. 488.
——— *igniplaga*. Warren. 488.
——— *ochriplaga*. Warren. 488.
——— *opalizans*. Warren. 488.
——— *somnolenta*. Warren. 488.
——— *viridirufa*. Warren. 488.

Iridopsis [Geometridae].
——— *alternata*. Warren. 491.
——— *candidata*. Warren. 488.
——— *commixtata*. Dognin. 88.
——— *obliquata*. Dognin. 88.
——— *rectura*. Dognin. 88.
——— *schistacea*. Warren. 488.
——— ——— ab. *radiata* n. ab. Warren,. 491.
——— *striata*. Warren. 491.

Iropoca n. gen. [Lymantridae]. Turner. 465.

Ischnocampa [Arctiidae].
——— *tovia*. Dognin. 88.

Ischnopteris [Geometridae].
——— *abnormipalpis*. Warren. 488.
——— *albiguttata*. Warren. 488.
——— *discolor*. Warren. 491.
——— *festiva*. Warren. 491.
——— *fidelis*. Warren. 488.
——— *oppositata*. Warren. 488.
——— *praeluteata*. Warren.
——— ——— ab. *albirupta* n. ab. Warren. 491.
——— ——— ab. *viridifascia* n. ab. Warren. 491.

Ischnopteryx [Geometridae].
——— *viriosa*. Dognin. 88.

Ismene [Hesperidae].
——— *tolo*. Mabille. 280.

Isochromodes [Geometridae].
——— *atristicta*. Warren. 488.
——— ——— ab. *dissipata* n. ab. Warren. 488.
——— *auxilians*. Warren. 488.
——— ——— var. *denolata* n. var. Warren. 488.
——— *crassa*. Warren. 488.
——— *duplicata*. Warren. 491.
——— *fraterna*. Warren. 488.
——— *grisea*. Warren. 488.
——— *latifascia*. Warren. 488.
——— *maculosata*. Warren. 491.
——— *miniata*. Warren. 491.
——— *palumbata*. Warren. 488.
——— *terminata*. Warren. 488.
——— *vestigiata*. Warren. 488.

Isodiscodes n. gen. [Geometridae]. Warren. 491.
——— *polycyma*. Warren. 491.

Isostigena n. gen. [Lasiocampidae]. Bethune-Baker. 43.
——— *bicellata*. Bethune-Baker. 43.

Itaballia n. gen [Pieridae]. Kaye. 231.

ITHOMIOLA [Erycinidae].
——— *rubrolineata*. Lathy. 258.

Iulota n. gen. [Tineidae]. Meyrick. 290.
——— *ithyxyla*. Meyrick. 290.
——— *triglossa*. Meyrick. 290.

JACOONA [Lycaenidae].
——— *anasuja*: *irmina* n. subsp. Fruhstorfer. 130.

JOSIA [Geometridae].
——— *erectistria*. Warren. 488.
——— *longistria*. Warren. 488.
——— *vulturata*. Warren. 488.

KALLIMA [Nymphalidae].
——— *rattrayi*. Sharpe. 409.

Kearfottia n. gen. [Tineidae]. Fernald. 114.
——— *albifasciella*. Fernald. 114.

Koraia n. gen. [Noctuidae]. Herz. 192.
——— *pirata*. Herz. 192.

LAMBULA [Arctiidae].
——— *aroa*. Bethune-Baker. 43.
——— *bilineata*. Bethune-Baker. 43.

LAMPIDES [Lycaenidae].
——— *damon* ab., *agraphomena* n. ab. Verity. 476.

LAMPROPTERYX [Geometridae].
——— *trilineata*. Warren. 488.

LARENTIA [Geometridae].
——— *defricata*. Püngeler. 333.
——— *expiata*. Püngeler. 333.
——— *occata*. Püngeler. 333.
——— *querulata*. Püngeler. 333.

Lasioceras n. gen. [Notodontidae]. Bethune-Baker. 43.
——— *aroa*. Bethune-Baker. 43.

Lasiochara n. gen. [Limacodidae]. Bethune-Baker. 43.
——— *pulchra*. Bethune-Baker. 43.

Lasiolimacos n. gen. [Limacodidae]. Bethune-Baker. 43.
——— *ferruginea*. Bethune-Baker. 43.
——— *kenricki*. Bethune-Baker. 43.
——— *pratti*. Bethune-Baker. 43.

LASIOPS [Geometridae].
——— (?) *puechi*. Dognin. 88.

LEMONIAS [Erycinidae].
——— *auria*. Druce. 92.
——— *pulchra*. Lathy. 258.

Leobatus n. gen [Tineidae]. Walsingham. 485.
——— *fagoniae*. Walsingham. 485.

LEPIDOMYS [Pyralidae].
——— *sobria*. Dognin. 88.

Leptalina n. gen. [Hesperidae]. Mabille. 280.

Leptogeneia n. gen. [Tineidae]. Meyrick. 290.
——— *bicristata*. Meyrick. 290.

LEUCANITIS [Noctuidae].
——— *sculpta*. Püngeler. 333.

LEUCINODES [Pyralidae].
——— *labefactalis*. Swinhoe. 443.

LEUCOCHROMA [Pyralidae].
——— *neutralis*. Dognin. 88.

Leucoctenorrhoë n. gen. [Geometridae]. Warren. 491.
——— *quadrilinea*. Warren. 491.

Leucolithodes n. gen. [Geometridae]. Warren. 491.

LEUCOMA [Lymantridae].
——— *semihyalina*. Swinhoe. 446.

LEUCONOTHA [Geometridae].
——— *persordida*. Warren. 488.

LEUCOPTERA [Tineidae].
——— *pachystimella*. Busck. 51.

Leucoreas n. gen. [Geometridae]. Warren. 488.
——— *rhodosticta*. Warren. 488.

LEUCOTHYRIS [Nymphalidae].
——— *phenomoe*: *burchelli* n. subsp. Sandors. 368.

LEUCULOPSIS [Geometridae].
——— *approximans*. Dognin. 88.

LIBYTHEA [Erycinidae].
——— *fulvescens*. Lathy. 256.

LIGONIA [Geometridae].
——— *bottgeri*. Warren. 491.

Lipomelia [Geometridae].
——— *scintillans.* Warren. 488.
——— *subfuscata.* Warren. 488.
Liptena [Lycaenidae].
——— *albicans.* Cator. 58.
——— *diversa.* Bethune-Baker. 41.
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——— *flavilimes.* Warren. 488.
——— *punctata.* Warren. 491.
Lithocampa [Noctuidae].
——— *fatua.* Püngeler. 333.
Lobeza [Notodontidae].
——— *schausi.* Dognin. 88.
Lomadonta [Lymantridae].
——— *obscura.* Swinhoe. 443.
——— *saturata.* Swinhoe. 443.
Lomographa [Geometridae].
——— *acutipennis.* Warren. 488.
——— *albifrons.* Warren. 488.
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——— *bethulia.* Druce. 94.
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——— *ustanalis.* Warren. 488.
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——— *bluethgeni.* Püngeler. 333.
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——— *carneata.* Warren. 491.
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——— *pudens.* Swinhoe. 444.
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——— *coretas.* Jachontov. 215.
——— *corydon* var. *reznicekiі* n. var. Bartel. 36.
——— *lerotholi.* Trimen. 462.
——— *marcia.* Fawcett. 110.
——— *pseudargiolus* var. *argentata* n. var. Fletcher. 121.
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Lycaenesthes [Lycaenidae].
——— *hobleyi.* Neave. 302.
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Lyclene [Arctiidae].
——— *peloa.* Swinhoe. 444.
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——— *ekeikei* Bethune-Baker. 43.
——— *kebeae.* Bethune-Baker. 43.
——— *novaguineensis.* Bethune-Baker. 43.
Lyonetia [Tineidae].
——— *saliciella.* Busck. 51.
Macaduna [Arctiidae].
——— *aroa.* Bethune-Baker. 43.
——— *bipunctata.* Bethune-Baker. 43.
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——— *admotalis.* Dognin. 88.
——— *albulatalis.* Dognin. 88.
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——— *bifilaria.* Hampson. 185.
——— *minorata* var. *incolorata* n. var. Dyar. 100.
Macrenches n. gen. [Tineidae]. Meyrick. 290.
——— *eurybatis.* Meyrick. 290.
Macroglossa [Sphingidae].
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Maenas [Arctiidae].
——— *punctatostrigata.* Bethune-Baker. 43.
Malaxa n. gen. [Hesperidae] Mabille. 280.
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Mamestra [Noctuidae].
——— *acuterminata*. Smith. 417.
——— *crydina*. Dyar. 102.
——— *dodii*. Smith. 417.
——— *elsinora*. Barnes. 32.
——— *hueco*. Barnes. 32.
——— *isoloma*. Püngeler. 333.
——— *obesula*. Smith. 417.

Manarina n. gen. [Hesperidae]. Mabille. 280.

Margaronia [Pyralidae].
——— *amicalis*. Swinhoe. 443.
——— *cleonadalis*. Swinhoe. 443.

Marmara [Tineidae].
——— *arbutiella*. Busck. 51.

Marthula [Notodontidae].
——— *aurea*. Druce. 94.

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——— *leechi*. Druce. 94.
——— *neobule*. Druce. 94.

Megacraspedus [Tineidae].
——— *aphilota*. Meyrick. 290.
——— *astemphella*. Meyrick. 290.
——— *centrosema*. Meyrick. 290.
——— *chalcoscia*. Meyrick. 290.
——— *coniodes*. Meyrick. 290.
——— *euxena*. Meyrick. 290.
——— *hoplitis*. Meyrick. 290.
——— *inficeta*. Meyrick. 290.
——— *ischnota*. Meyrick. 290.
——— *isotis*. Meyrick. 290.
——— *mania*. Meyrick. 290.
——— *melotipis*. Meyrick. 290.
——— *oxyphanes*. Meyrick. 290.
——— *pityritis*. Meyrick. 290.
——— *platyleuca*. Meyrick. 290.
——— *popularis*. Meyrick. 290.
——— *sclerotricha*. Meyrick. 290.

Megalopyge [Megalopygidae].
——— *gamelia*. Druce. 94.

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——— *proserpina*. Bethune-Baker. 43.

Melanitis [Nymphalidae].
——— *ansorgei*. Rothschild. 360.

Melanolophia [Geometridae].
——— *canadaria* var. *subgenericata* n. var. Dyar. 100.

Melanoscia n. gen. [Geometridae]. Warren. 488.
——— *albimacula*. Warren. 488.
——— *felina*. Warren. 488.
——— *occlusa*. Warren. 488.

Melanthes n. gen. [Hesperidae]. Mabille. 280.

Melinodes [Geometridae].
——— *contacta*. Warren. 488.
——— *subspicata*. Warren. 491.

Melitaea [Nymphalidae].
——— *tibetana*. Fawcett. 110.

Melochlora [Geometridae].
——— *albiceps*. Warren. 491.
——— *intermedia*. Warren. 488.

Meragisa [Notodontidae].
——— *darida*. Dognin. 88.
——— *dasra*. Dognin. 88.

Merocausta [Geometridae].
——— *purpuraria*. Hampson. 185.

Mesedra n. gen. [Geometridae]. Warren. 488.
——— *confinis*. Warren. 488.
——— *juvenis*. Warren. 488.
——— *munda*. Warren. 488.
——— *subsequa*. Warren. 488.
——— *violacea*. Warren. 488.

Mesolecca [Geometridae].
——— *simulata* var. *otisi* n. var. Dyar. 100.

Mesosemia [Erycinidae].
——— *anica*. Druce. 92.
——— *axilla*. Druce. 92.
——— *candara*. Druce. 92.
——— *carderi*. Druce. 92.
——— *elegans*. Lathy. 258.
——— *paramba*. Druce. 92.
——— *parishi*. Druce. 92.

Messaras [Nymphalidae].
——— *mimicus*. Rothschild. 357.

Mestolobes [Pyralidae].
——— *antichora*. Meyrick. 292.
——— *sicaria*. Meyrick. 291.

Metallochlora [Geometridae].
——— *circumscripta*. Warren. 490.

Metanema [Geometridae].
——— *fuliginosa*. Warren. 488.

Metzneria [Tineidae].
——— *clitella*. Rebel. 340.
——— *incognita*. Walsingham. 485.

Miantonota [Geometridae].
——— *decorata*. Warren. 488.
——— *nigrisquama*. Dognin. 88.

Microdes [Geometridae].
——— *diplodonta*. Turner. 464.

Microgonia [Geometridae].
——— *diluta*. Dognin. 88.
——— *distans*. Warren. 488.
——— ——— ab. *confusa* n. ab. Warren. 488.
——— *guenei*. Warren. 488.
——— *particolor*. Warren. 491.
——— *siccifolia*. Warren. 488.
——— *subdecorata*. Warren. 488.
——— ——— ab. *prunicolor* n. ab. Warren. 488.
——— *subdentilinea*. Warren. 488.
——— *subductaria*. Warren. 488.
——— *subumbrata*. Warren. 491.
——— *umbrosa* var. *interclarata* n. var. Warren. 491.
——— *vernilinea*. Warren. 488.

Micropentila [Lycaenidae].
——— *mabangi*. Bethune-Baker. 41.

Microxydia [Geometridae].
——— *colorata*. Warren. 488.
——— *fulvicollis*. Warren. 488.
——— *rufifimbriata*. Warren. 491.
——— *strigosa*. Warren. 491.

Milionia [Geometridae].
——— *aroensis*. Rothschild. 363.
——— *diva*. Rothschild. 363.
——— *parva*. Rothschild. 363.
——— *ventralis*. Rothschild. 363.

Milocera n. gen. [Geometridae]. Swinhoe. 444.
——— *horaria*. Swinhoe. 444.

Miltochrista [Arctiidae].
——— *vetusta*. Piepers & Snellen. 319.

Mimacraea [Nymphalidae].
——— *poultoni*. Neave. 302.

Mimandria [Geometridae].
——— *insularis*. Swinhoe. 444.

Mimoprora n. gen. [Geometridae]. Warren. 488.
——— *rubra*. Warren. 488.

Mimorista [Pyralidae].
——— *longidentalis*. Dognin. 88.
——— *pellucidalis*. Dognin. 88.

Mimosema [Geometridae].
——— *flexa*. Warren. 488.
——— *rufa*. Warren. 488.

Mixopsis [Geometridae].
——— *bella*. Warren. 488.
——— *pulverata*. Warren. 491.

Moma [Noctuidae].
——— *tybo*. Barnes. 32.

Monethe [Erycinidae].
——— *johnstoni*. Dannatt. 76.

Monroa n. gen. [Geometridae]. Warren. 491.

Morova [Thyrididae].
——— ? *innotata*. Warren. 490.

Morphomima n. gen. [Geometridae]. Warren. 488.
——— *fulvitacta*. Warren. 488.

Mycalesis [Nymphalidae].
——— *barbara : mea* n. subsp. Rothschild. 363.

Mylothris [Pieridae].
——— *tirikensis*. Neave 302.

Nacoleia [Pyralidae].
——— *albicinctalis*. Hampson. 185.
——— *binoculalis*. Hampson. 185.
——— *infuscalis*. Hampson. 185.

Narope [Nymphalidae].
——— *albopunctum*. Stichel. 433.
——— *panniculus*. Stichel. 433.

Narosa [Limacodidae].
——— *aroa*. Bethune-Baker. 43.

Nematocampa [Geometridae].
——— *completa* Warren. 488.
——— *confusa*. Warren. 491.
——— *cuprina*. Warren. 491.

Nemoria [Geometridae].
——— *afflictaria*. Swinhoe. 444.

Neobapta n. gen. [Geometridae]. Warren. 488.
——— *indecora*. Warren. 488.

Neocrasis [Geometridae].
——— *heterograpta*. Warren. 488.

Neodexia n. gen. [Geometridae]. Warren. 491.

Neodirades n. gen. [Geometridae]. Warren. 488.
——— *spurcata*. Warren. 488.

Neofidonia n. gen. [Geometridae]. Warren. 488.
——— *nigristigma*. Warren. 488.
——— *olivescens*. Warren. 491, 555.

Neonemoria n. gen. [Geometridae]. Warren. 488.
——— *plana*. Warren. 488.

Neoplema n. gen. [Epiplemidae]. Warren. 491.
——— *candidata*. Warren. 491.

Neopolita n. gen. [Geometridae]. Warren. 489.
——— *bisecta*. Warren. 489.

Neotaxia n. gen. [Geometridae]. Dognin. 88.
——— *plana*. Dognin. 88.

NEPHELE [Sphingidae].
——— *discifera*, f. *rattrayi*, n. f. Rothschild. 359.

NEPHERONIA [Pieridae].
——— *valeria: kangeana* n. subsp. Fruhstorfer. 136.

NEPHOPTERYX [Pyralidae].
——— *kraussi*. Rebel. 340.

NEPTICULA [Tineidae].
——— *thuringiaca*. Petry. 314.
——— *tingitella*. Walsingham. 483.

NEPTIS [Nymphalidae].
——— *clarei*. Neave. 302.
——— *conspicua*. Neave. 302.
——— *ochracea*. Neave. 302.

Nervicompressa n. gen. [Limacodidae]. Bethune-Baker. 43.
——— *albomaculata*. Bethune-Baker. 43.
——— *aroa*. Bethune-Baker. 43.
——— *dubia*. Bethune-Baker. 43.
——— *kebeae*. Bethune-Baker. 43.
——— *lunulata*. Bethune-Baker. 43.
——— *unistrigata*. Bethune-Baker. 43.

NESAEA [Zygaenidae].
——— *albimacula*. Hampson. 185.

NIPLOSTOLA [Pyralidae].
——— *punctata*. Swinhoe. 443.

NIPTERIA [Geometridae].
——— *astyochioides*. Warren. 488.
——— *basiplaga*. Warren. 491.
——— *dispansa*. Warren. 491.
——— *exclamationis*. Warren. 491.
——— *flaviplaga*. Warren. 488.
——— *flebilis*. Warren. 488.
——— *nigrisignata*. Warren. 491.
——— *oblitaria*. Warren. 488.
——— *occulta*. Warren. 491.
——— *pallida*. Warren. 491.
——— *partita*. Warren. 491.
——— *rotundata*. Dognin. 88.
——— *sibylla*. Warren. 491.
——— *subocellata*. Warren. 488.
——— *transducta*. Warren. 488.
——— *trisecta*. Warren. 491.
——— *turpis*. Warren. 488.
——— *unilinea*. Warren. 491.
——— *vestigiata*. Warren. 491.

NISHADA [Arctiidae].
——— *melanopa*. Bethune-Baker. 43.

NOCTUA [Noctuidae].
——— *dislocata*. Smith. 417.
——— *umbrosa* n. var. Dyar. 102.

NODARIA [Noctuidae].
——— *diopis*. Hampson. 185.
——— *selenitis*. Hampson. 185.

NOORDA [Pyralidae].
——— *candidalis*. Dognin. 88.

NOTHRIS [Tineidae].
——— *centrothetis*. Meyrick. 290.
——— *choristis*. Meyrick. 290.
——— *dentata*. Meyrick. 290.
——— *mylicotis*. Meyrick. 290.
——— *oiocina*. Meyrick. 290.
——— *tephrastis*. Meyrick. 290.

NYMPHIDIUM [Erycinidae].
——— *augea*. Druce. 92.
——— *candace*. Druce. 92.
——— *completa*. Lathy. 258.
——— *medusa*. Druce. 92.
——— *minuta*. Druce. 92.

OCHYRIA [Geometridae].
——— *thorenaria*. Swinhoe. 444.

OCYBADISTES [Hesperidae].
——— *suffusus*. Mabille. 280.

ODONESTIS [Lasiocampidae].
——— *centralistrigata*. Bethune-Baker. 43.

ODONTOPTILA [Geometridae].
——— *marginata*. Warren. 488.

Oedaleneura n. gen. [Hesperidae]. Mabille. 280.

OEDICENTRA [Geometridae].
——— *gerydaria*. Swinhoe. 444.

Oenides n. gen. [Hesperidae]. Mabille. 280.

OENOPTILA [Geometridae].
——— *costata*. Warren. 488.
——— *filata*. Warren. 488.
——— *ignea*. Warren. 491.
——— *leprosata*. Warren. 488.
——— *prunicolor*. Warren. 488.

OEONISTIS [Arctiidae].
——— *bicolora*. Bethune-Baker. 43.

OLIOCONTA [Noctuidae].
——— *altura*. Barnes. 32.

OLIGOPLEURA [Geometridae].
——— *biplagiata*. Warren. 488.

Omichlis [Notodontidae].
——— *dinawa*. Bethune-Baker. 43.
——— *griseola*. Bethune-Baker. 43.
——— *hampsoni*. Bethune-Baker. 43.
——— *ochracea*. Bethune-Baker. 43.
——— *pratti*. Bethune-Baker. 43.
——— *rufofasciata*. Bethune-Baker. 43.

Omiodes [Pyralidae].
——— *antidoxa*. Meyrick. 292.

Ommatostola [Noctuidae].
——— *popofensis*. Smith. 101.

Omphaloptera [Pyralidae].
——— *completalis*. Dognin. 88.
——— (?) *stigmatalis*. Dognin. 88.
——— *virginalis*. Dognin. 88.

Oncocnemus [Noctuidae].
——— *polingii*. Barnes. 32.

Oospila [Geometridae].
——— *atroviridis*. Warren. 488.
——— *restricta*. Warren. 491.
——— *rufiplaga*. Warren. 491.

Ophiusa [Noctuidae].
——— *analis*. Herz. 192.

Ophthalmodes [Geometridae].
——— *albata*. Warren. 490.

Ophthalmophora [Geometridae].
——— *contrariata*. Warren. 488.
——— *lineata*. Warren. 488.
——— *orion*. Warren. 488.
——— *transversata*. Warren. 488.

Opisthoxia [Geometridae].
——— *casta*. Warren. 491.
——— *laticlava*. Warren. 491.
——— *vigilans*. Warren. 491.

Opodiphthera [Saturniidae].
——— *papuana*. Rothschild. 362.

Opsiphanes [Nymphalidae].
——— *cassiae* : *cassiculus* n. subsp. Stichel. 432.
——— ——— *castaneus* n. subsp. Stichel. 432.
——— ——— *rubigatus* n. subsp. Stichel. 432.
——— *invirae* : *amplificatus* n. subsp. Stichel. 432.
——— ——— *cuspidatus* n. subsp. Stichel. 432.

Opsirhina [Lasiocampidae].
——— *aroa*. Bethune-Baker. 43.

Orenaia [Pyralidae].
——— *preisseckeri*. Rebel. 338.

Oreonoma n. gen. [Geometridae]. Warren. 491.
——— *submarmorata*. Warren. 491.

Oreta [Drepanulidae].
——— *angustipennis*. Warren. 489.

Ormiscodes [Lasiocampidae].
——— *choba*. Druce. 94.
——— *radama*. Druce. 94.

Orthoptila n. gen. [Tineidae]. Meyrick. 290.

Orthosia [Noctuidae].
——— *verberata*. Smith. 417.

Osica [Notodontidae].
——— *funerea*. Bethune-Baker. 34.
——— *turneri*. Bethune-Baker. 34.

Oxylides [Lycaenidae].
——— *feminina*. Sharpe. 410.

Oxytoxia n. gen. [Hesperidae]. Mabille. 280.

Pachypasa [Lasiocampidae].
——— *marshalli*. Aurivillius. 20.

Pachyzancla [Pyralidae].
——— *fimbrialis*. Dognin. 88.

Padraona [Hesperidae].
——— *suborbicularis*. Mabille. 280.

Pais [Agaristidae].
——— *ansorgei*. Jordan. 224.
——— *nyassana*. Bartel. 35.

Paiwarria n. gen. [Lycaenidae]. Kaye. 231.

Paltodora [Tineidae].
——— *actias*. Meyrick. 290.
——— *sciopola*. Meyrick. 290.
——— *stalactis*. Meyrick. 290.

Pamphila [Hesperidae].
——— *manitoboides*. Fletcher. 121.

Pancoenia n. gen. [Tineidae]. Meyrick. 290.
——— *pelota*. Meyrick. 290.
——— *periphora*. Meyrick. 290.

Papilio [Papilionidae].
——— *agamemnon* : *atropictus* n. subsp. Fruhstorfer. 134.
——— *aristolochiae* : *antiphulus* n. subsp. Fruhstorfer. 127.
——— *bridgei* : *ortegae* n. subsp. Rothschild. 359.
——— ——— *togonis* n. subsp. Rothschild. 359.
——— *canopus* : *kallon* n. subsp. Fruhstorfer. 146.

PAPILIO [Papilionidae].
——— *echidna* : *echidnides* n. subsp. Fruhstorfer. 146.
——— *eurypilus* : *lepidus* n. subsp. Fruhstorfer. 146.
——— *fuscus* : *offakus* n. subsp. Fruhstorfer. 139.
——— *galienus* : *peculiaris* n. subsp. Neave. 302.
——— ——— *uhitnalli* n. subsp. Neave. 302.
——— *inopinatus* : *inauris* n. subsp. Fruhstorfer. 141.

Parabaera n. gen. [Pyralidae]. Dognin. 88.
——— *nitidalis*. Dognin. 88.

Parabasis n. gen. [Noctuidae]. Bethune-Baker. 43.
——— *pratti*. Bethune-Baker. 43.

Paraceryx n. gen. [Syntomidae]. Bethune-Baker. 43.
——— *aroa*. Bethune-Baker 43.

Parachrysops n. gen. [Lycaenidae]. Bethune-Baker. 43.
——— *bicolor*. Bethune-Baker. 43.

PARACOMISTIS [Geometridae].
——— *plumosa*. Warren. 491.

Paracomucha n. gen. [Geometridae]. Warren. 490.

Paradohertya n. gen. [Arctiidae]. Bethune-Baker. 43.
——— *trifascia*. Bethune - Baker. 43.

Paradoxodes n. gen. [Geometridae]. Warren. 488.
——— *subdecora*. Warren. 488.

Paraplodes n. gen. [Geometridae]. Warren. 488.
——— *aurata*. Warren. 488.

Parazeuzera n. gen. [Cossidae]. Bethune-Baker. 43.
——— *aurea*. Bethune-Baker. 43.
——— *celoena*. Bethune-Baker. 43.

Parelodina n. gen. [Lycaenidae]. Bethune-Baker. 43.
——— *aroa*. Bethune-Baker. 43.

PARNASSIUS [Papilionidae].
——— *appollonius* : *gloriosus* n. subsp. Fruhstorfer. 129.
——— *delphius* : *dolabella* n. subsp. Fruhstorfer. 139.
——— *mnemosyne* var. *halteres* n. var. Muschamp. 297.
——— *nomion* : *titan* n. subsp. Fruhstorfer. 129.

Paromala n. gen. [Geometridae]. Warren. 488.
——— *elongata*. Warren. 488.

PERGAMA [Geometridae].
——— *plenilunata*. Warren. 488.

Peribolodes n. gen. [Geometridae]. Warren. 488.
——— *bicolorata*. Warren. 488.

PERICHARES [Hesperiidae].
——— *heroni*. Kaye. 231.

PERICYMA [Noctuidae].
——— *acrosticta*. Püngeler. 333.
——— *dispar*. Püngeler. 333.

PERIDROMA [Noctuidae].
——— *subjugata* n. var. Dyar. 102.
——— *ypsilon* var. *albescens* n. var. Clark. 70.

PERIGRAMMA [Geometridae].
——— *nigricosta*. Warren. 488.
——— *semipleta*. Warren. 488.

PERIGRAPHA [Noctuidae].
——— *achsha*. Dyar. 102.

PERIXERA [Geometridae].
——— *impudens*. Warren. 490.
——— *longidiscata*. Warren. 490.
——— *sublunata*. Swinhoe. 444.

PERIZOMA [Geometridae].
——— *amplata*. Warren. 488.
——— *aspersa*. Dognin. 88.
——— *aureoviridis*. Warren. 488.
——— *mirifica*. Warren. 488.

PERO [Geometridae].
——— *olivacea*. Warren. 491.

PERUSIA [Geometridae].
——— *complicata*. Warren. 488.
——— *graphica*. Warren. 488.
——— *subsordida*. Warren. 491.
——— *superstes*. Warren. 488.

PETELIA [Geometridae].
——— *anagogaria*. Warren. 488.
——— *binigrata*. Warren. 488.
——— *glabra*. Warren. 489.
——— *purpurea*. Warren. 488.

PETRODAVA [Geometridae].
——— *marginata*. Swinhoe. 444.

PHAEOCHLAENA [Geometridae].
——— *bialbifera*. Warren. 488.

PHELLINODES [Geometridae].
——— *absentimacula*. Warren. 491.
——— *albifascia*. Warren. 491.
——— *interrupta*. Warren. 488.
——— *obstructa*. Warren. 488.
——— *uniformis*. Warren. 488.

Phiala [Eupterotidae].
——— *abyssinica*. Aurivillius. 24.
——— *fuscodorsata*. Aurivillius. 24.
——— *marshalli*. Aurivillius. 24.
——— *nigrolineata*. Aurivillius. 21.
——— *simplex*. Aurivillius. 24.

Phlebosphales n. gen. [Geometridae]. Warren. 488.
——— *engelkei*. Warren. 488.

Phloeographis n. gen. [Tineidae]. Meyrick. 290.
——— *brachynta*. Meyrick. 290.
——— *macrynta*. Meyrick. 290.
——— *zopherota*. Meyrick. 290.

Phlyctaenia [Pyralidae].
——— *tillialis*. Dyar. 100.

Phorodesma [Geometridae].
——— *triangularia*. Swinhoe. 444.

Phoxopteris [Tortricidae].
——— *kincaidiana*. Fernald. 101.

Phryganodes [Pyralidae].
——— *hypoxantha*. Dognin. 88.

Phrygionis [Geometridae].
——— *argyrosticta*. Hampson. 185.
——— *modesta*. Warren. 488.

Phyciodes [Nymphalidae].
——— *hanhami*. Fletcher. 121.

Phylactaenia [Pyralidae].
——— *lampadias*. Meyrick. 292.

Phyllocnistis [Tineidae].
——— *exiguella*. van Deventer. 82.
——— *humiliella*. van Deventer. 82.
——— *minimella*. van Deventer. 82.

Phyllodes [Noctuidae].
——— *enganensis*. Swinhoe. 446.

Phyllodonta [Geometridae].
——— *carneata*. Warren. 488
——— *pseudonyma*. Warren. 491.
——— *puritana*. Warren. 488.
——— *semicava*. Warren. 488.
——— *songaria* var. *obscura* n. var. Dognin. 88.
——— *vivida*. Warren. 488.

Pieris [Pieridae].
——— *continentalis*. Heyn. 195.
——— *leachii*. Moore. 295.

Pigia [Geometridae].
——— *semicostata*. Warren. 488.

Pinacopteryx [Pieridae].
——— *dixeyi*. Neave. 302.

Pionea [Pyralidae].
——— *illineatalis*. Dognin. 88.
——— *viridalis*. Dognin. 88.

Pisoraca [Geometridae].
——— *sanguinata*. Warren. 489.

Platyja [Noctuidae].
——— *rufiscripta*. Swinhoe. 443.

Platyperigea [Nuctuidae].
——— *anotha*. Dyar. 102.

Plerocymia [Geometridae].
——— *multilinearia*. Swinhoe. 444.

Plusia [Noctuidae].
——— *epsilon*. Ottolengui. 101.
——— *pterylota*. Meyrick. 292.

Plutella [Tineidae].
——— *hyperborella*. Strand. 438.
——— *notabilis*. Busck. 51.
——— *poulella*. Busck. 51.

Poecilochlora n. gen. [Geometridae]. Warren. 491.
——— *minor*. Warren. 491.

Polydesma [Noctuidae].
——— *striata*. Henz. 192.

Polygrammodes [Pyralidae].
——— *interpunctalis*. Dognin. 88.

Polyniphes n. gen. [Lycaenidae]. Kaye. 231.

Polypoetes [Geometridae].
——— *fuliginosa*. Dognin. 88.
——— *picaria*. Warren. 488.

Polyptychus [Sphingidae].
——— *murinus*. Rothschild. 359.

Porona [Geometridae].
——— *fidoniata*. Warren. 491.

Porosagrotis [Noctuidae].
——— *thanatologia*. Dyar. 100.

Porthesia [Lymantridae].
——— *alba*. Bethune-Baker. 43.
——— *aroa*. Bethune-Baker. 43.
——— *ekeikei*. Bethune-Baker. 43.
——— *meeki*. Bethune-Baker. 43.

Poultonia n. gen. [Lycaenidae]. Neave. 302.

Prasinocyma [Geometridae].
——— *ampla*. Warren. 489.
——— *asyllaria*. Swinhoe. 444.
——— *pictifimbria*. Warren. 489.
——— *pulchraria*. Swinhoe. 444.

Prepona [Nymphalidae].
——— *lygia*. Fruhstorfer. 145.

Proactica n. gen. [Tineidae]. Walsingham. 485.
——— *halimilignella*. Walsingham. 485.

PROBLEPSIS [Geometridae].
——— *flavistigma*. Swinhoe. 444.
PROBOLOSCELES [Geometridae].
——— *punctaria*. Swinhoe. 444.
PROCYPHA [Geometridae].
——— *informis*. Swinhoe. 444.
——— *sillaria*. Swinhoe. 444.
Prodosiarcha n. gen. [Tineidae]. Meyrick. 290.
——— *loxodesma*. Meyrick. 290.
Prostoma n. gen. [Geometridae]. Warren. 488.
——— *fragilis*. Warren. 488.
PROTEOPTERYX [Tortricidae].
——— *columbia*. Kearfott. 232.
——— ——— var. *albidorsana* n. var. Kearfott. 232.
——— ——— var. *mediostriana* n. var. Kearfott. 232.
——— *willingana*. Kearfott. 233.
PROTHOE [Nymphalidae].
——— *ribbei* : *guizonis* n. subsp. Rothschild. 358.
PROTHYMIA [Noctuidae].
——— *rosario*. Barnes. 32.
Protolechia n. gen. [Tineidae]. Meyrick. 290.
——— *aclera*. Meyrick. 290.
——— *aeroleuca*. Meyrick. 290.
——— *actinota*. Meyrick. 290.
——— *aeolopis*. Meyrick. 290.
——— *amblopis*. Meyrick. 290.
——— *ananeura*. Meyrick. 290.
——— *anthracina*. Meyrick. 290.
——— *arganthes*. Meyrick. 290.
——— *argocentra*. Meyrick. 290.
——— *aspetodes*. Meyrick. 290.
——— *autopis*. Meyrick. 290.
——— *banausodes*. Meyrick. 290.
——— *caminopis*. Meyrick. 290.
——— *catarrhacta*. Meyrick. 290.
——— *cephalota*. Meyrick. 290.
——— *ceramica*. Meyrick. 290.
——— *chenias*. Meyrick. 290.
——— *chiradia*. Meyrick. 290.
——— *cladara*. Meyrick. 290.
——— *compsochroa*. Meyrick. 290.
——— *cosmotis*. Meyrick. 290.
——— *crotalodes*. Meyrick. 290.
——— *crypsibatis*. Meyrick. 290.
——— *diplanetis*. Meyrick. 290.
——— *diplonesa*. Meyrick. 290.
——— *elpistis*. Meyrick. 290.
——— *euglypta*. Meyrick. 290.
——— *exaristu*. Meyrick. 290.
——— *flexilis*. Meyrick. 290.
——— *frugalis*. Meyrick. 290.
Protolechia n. gen. [Tineidae].
——— *gorgonias*. Meyrick. 290.
——— *hormodes*. Meyrick. 290.
——— *hylias*. Meyrick. 290.
——— *hypoleuca*. Meyrick. 290.
——— *invalida*. Meyrick. 290.
——— *iochlaema*. Meyrick. 290.
——— *liota*. Meyrick. 290.
——— *loemias*. Meyrick. 290.
——— *mechanistis*. Meyrick. 290.
——— *megalommata*. Meyrick. 290.
——— *microdora*. Meyrick. 290.
——— *micropa*. Meyrick. 290.
——— *molyntis*. Meyrick. 290.
——— *nephelota*. Meyrick. 290.
——— *nyctias*. Meyrick. 290.
——— *obeliscota*. Meyrick. 290.
——— *odorifera*. Meyrick. 290.
——— *pacifica*. Meyrick. 290.
——— *pelogramma*. Meyrick. 290.
——— *phasianis*. Meyrick. 290.
——— *phloeodes*. Meyrick. 290.
——— *plinthactis*. Meyrick. 290.
——— *prisca*. Meyrick. 290.
——— *psephias*. Meyrick. 290.
——— *sarisias*. Meyrick. 290.
——— *sciodes*. Meyrick. 290.
——— *scytina*. Meyrick. 290.
——— *selenia*. Meyrick. 290.
——— *sisyraea*. Meyrick. 290.
——— *stratifera*. Meyrick. 290.
——— *tabulata*. Meyrick. 290.
——— *telopis*. Meyrick. 290.
——— *temenitis*. Meyrick. 290.
——— *tetraploa*. Meyrick. 290.
——— *thyridota*. Meyrick. 290.
——— *thyrsoptera*. Meyrick. 290.
——— *trachyphanes*. Meyrick. 290.
——— *trichalina*. Meyrick. 290.
——— *trichosema*. Meyrick. 290.
——— *voluta*. Meyrick. 290.
——— *xanthocephala*. Meyrick. 290.
——— *xestolitha*. Meyrick. 290.
——— *xuthias*. Meyrick. 290.
Provola n. gen. [Geometridae]. Swinhoe. 444.
PSALIODES [Geometridae].
——— *albidulata*. Warren. 488.
——— *acutangula*. Warren. 488.
——— *analiplaga*. Warren. 491.
——— *auraticena*. Warren. 488.
——— *citrinata*. Warren. 488.
——— *clathrata*. Warren. 488.
——— *fractilinea*. Warren. 488.
——— *ignivenata*. Warren. 488.
——— *inferna*. Warren. 488.
——— *laticlara*. Dognin. 88.

Psaliodes [Geometridae].
——— *lilacina*. Warren. 491.
——— *miniata*. Warren. 488.
——— ——— var. *fuscata* n. var. Warren. 488.
——— ——— var. *pallida* n. var. Warren. 488.
——— *nexilinea*. Warren. 488.
——— *nictitans*. Warren. 488.
——— *nodosa*. Warren. 491.
——— *ossicolor*. Warren. 488.
——— *pervasata*. Warren. 488.
——— *picta*. Warren. 488.
——— *planiplaga*. Warren. 488.
——— *semivasa*. Warren. 488.
——— *serratilinea*. Warren. 488.
——— *siennata*. Warren. 488.
——— *subfulvescens* Warren. 488.
——— *trilunata*. Warren. 488.
——— *tripartita*. Warren. 488.
——— *vinosata*. Warren. 488.
——— *vulpina*. Warren. 491.

Psamathia [Uraniidae].
——— *impunctata*. Warren. 491.

Pseudaoraea [Nymphalidae].
——— *hobleyi*. Neave. 302.
——— *obscura*. Neave. 302.
——— *terra*. Neave. 302.
——— *tirikensis*. Neave. 302.

Pseudaglossa [Noctuidae].
——— *shelfordi*. Swinhoe. 443.

Pseudapicia [Geometridae].
——— *muscivaria*. Warren. 488.
——— *sororcula*. Warren. 488.

Pseudapiconoma [Syntomidae].
——— *compsa*. Jordan. 224.
——— *fenestrata*. Jordan. 224.
——— *gloriosa*. Jordan. 224.

Pseudaspellodes n. gen. [Geometridae]. Warren. 488.
——— *constellata*. Warren. 488.

Pseuderesia [Lycaenidae].
——— *bakeriana*. Cator. 58.
——— *catori*. Bethune-Baker. 41.
——— *fusca*. Cator. 58.
——— *mozambina*. Bethune-Baker. 41.
——— *nigra*. Cator. 58.

Pseudilema n. gen. [Arctiidae]. Bethune-Baker. 43.
——— *dinawa*. Bethune-Baker. 43.

Pseudocrocinis n. gen. [Geometridae]. Swinhoe. 444.

Pseudodreata n. gen. [Eupterotidae]. Bethune-Baker. 43.
——— *strigata*. Bethune-Baker. 43.

Pseudodryas [Notodontidae].
——— *luteopunctata*. Dognin. 88.

Pseudogargetta n. gen. [Notodontidae]. Bethune-Baker. 43.
——— *diversa*. Bethune-Baker. 43.

Pseudoglea [Noctuidae].
——— *lobato*. Barnes. 32.

Pseudopais n. gen. [Agaristidae]. Bartel. 35.
——— *nigrobasalis*. Bartel. 35.

Pseudospiris [Agaristidae].
——— *jucunda*. Jordan. 224.

Pseudosterrha [Geometridae].
——— *lucidaria*. Swinhoe. 444.

Pseudosymmoca n. gen. [Tineidae]. Rebel. 340.
——— *angustipennis*. Rebel. 340.

Psilocerea [Geometridae].
——— *ancaria*. Swinhoe. 444.
——— *dysonaria*. Swinhoe. 444.
——— *umbrosaria*. Swinhoe. 444.
——— *vestitaria*. Swinhoe. 444.

Psodopais n. gen. [Geometridae]. Warren. 491.
——— *incommoda*. Warren. 491.

Psoralis n. gen. [Hesperidae]. Mabille. 280.
——— *sabaeus*. Mabille. 280.

Pteroceropais n. gen. [Zygaenidae]. Swinhoe. 443.
——— *unipuncta*. Swinhoe. 443.

Pterocypha [Geometridae].
——— *abbreviata*. Warren. 488.

Ptocheusa [Tineidae].
——— *albidella*. Rebel. 340.

Ptochophyle [Geometridae].
——— *subumbrata*. Warren. 489.

Ptychopoda [Geometridae].
——— *circumsticta*. Warren. 489
——— *curtaria*. Warren. 488.
——— *fylloidaria*. Swinhoe. 444.
——— *griseocostata*. Warren. 488.
——— *inanis*. Warren. 488.
——— *interalbulata*. Warren. 490.
——— *lalasaria*. Swinhoe. 444.
——— *lignicolor*. Warren. 488.
——— *minimaria*. Warren. 489.
——— *muricolor*. Warren. 490.
——— *nepticulata*. Warren. 488.
——— *nigricasta*. Warren. 488.
——— *taeniolata*. Warren. 490, 491.
——— *torrida*. Warren. 489.

Purlisa [Lycaenidae].
——— *gigantea* : *borneana* n. subsp. Fruhstorfer. 130.

Pycnoneura [Geometridae].
——— *convergens*. Warren. 491.
——— *turpis*. Warren. 488.

Pygaeomorpha n. gen. [Limacodidae]. Bethune-Baker. 43.
——— *brunnea*. Bethune-Baker. 43.
——— *modesta*. Bethune-Baker. 43.

Pygarctia [Arctiidae].
——— *neomexicana*. Barnes. 32.

Pyrausta [Pyralidae].
——— *pyropsalis*. Hampson. 185.

Pyrinia [Geometridae].
——— *derasata*. Warren. 491.
——— *formosa*. Warren. 488.
——— *junctaria*. Warren. 488.

Pyroderces [Tineidae].
——— *albilineella*. van Deventer. 82.
——— *albimaculella*. van Deventer. 82.

Pyrrhocalles n. gen. [Hesperidae]. Mabille. 280.

Pyrrhochalcia n. gen. [Hesperidae]. Mabille. 280.

Racheospila [Geometridae].
——— *conflua*. Warren. 491.
——— *dependens*. Warren. 488.
——— *molliculata*. Warren. 488.
——— *promontoria*. Warren. 488.

Rambara [Geometridae].
——— *syllaria*. Swinhoe. 444.
——— *thearia*. Swinhoe. 444.

Rekoa n. gen. [Lycaenidae]. Kaye. 231.

Rhaesena [Noctuidae].
——— *apicalis*. Swinhoe. 443.

Rhectosomia [Pyralidae].
———(?) *longistrialis*. Dognin. 88.

Rhinosia [Tineidae].
——— *pallidipulchra*. Walsingham. 485.

Rhinura n. gen. [Geometridae] Warren. 488.

Rhizagrotis [Noctuidae].
——— *salina*. Barnes. 32.
——— *socorro*. Barnes. 32.

Rhodochlora [Geometridae].
——— *albimacula*. Warren. 490.

Rhodomena n. gen. [Geometridae]. Warren. 488.
——— *lichenosa*. Warren. 488.
——— *roseoviridis*. Warren. 488.

Rodophthitus [Geometridae].
——— *castus*. Warren. 489.

Rhopalista [Geometridae].
——— *dismutata*. Warren. 488.

Rhopalodes [Geometridae].
——— *perfusa*. Warren. 491.

Rhynchagrotis [Noctuidae]
——— *scopeops*. Dyar. 88.

Roeselia [Arctiidae].
——— *basifusca*. Bethune-Baker. 43.

Rothia [Agaristidae].
——— *mariae*. Swinhoe. 443.

Rothschildia [Saturnidae].
——— *steinbachii*. Rothschild. 363.

Saccoploca n. gen. [Uraniidae]. Warren. 488.
——— *consimilis*. Warren. 488.
———? *divergens*. Warren. 491.
——— *excisa*. Warren. 488.
——— *sordida*. Warren. 491.

Salamis [Nymphalidae].
——— *anacardii* : *ansorgei* n. subsp. Rothschild. 361.

Saletara [Pieridae].
— ——— *panda* : *chrysea* n. subsp. Fruhstorfer. 136.
——— ——— *engania* n. subsp. Fruhstorfer. 136.

Sangala [Geometridae].
——— *aenea*. Warren. 488.
——— *regia*. Warren. 488.

Sangalopsis [Geometridae].
——— *crescens*. Warren. 488.
——— *curvifera*. Warren. 488.
——— *ficifera*. Warren. 488.
——— *flaviplaga*. Warren. 488.
——— *fulvimedia*. Warren. 488.
——— *luteiplaga*. Warren. 488.
——— *signigera*. Warren. 488.
——— *velutina*. Warren. 491.

Sarega n. gen. [Hesperidae]. Mabille. 280.
——— *staurus*. Mabille. 280.

Sarisophora n. gen. [Tineidae]. Meyrick. 290.
——— *chlaenota*. Meyrick. 290.
——— *leptoglypta*. Meyrick. 290.

Sarotorna n. gen. [Tineidae]. Meyrick. 290.
——— *eridora*. Meyrick. 290.

SARRACENA [Geometridae].
——— *brevilinea*. Warren. 491.

SATYRUS [Nymphalidae].
——— *alcyone* var. *norvegica* n. var. Strand. 440.

SCAPTESYLE [Arctiidae].
——— *aroa*. Bethune-Baker. 43.
——— *bifasciata*. Piepers & Snellen. 319.
——— *thestias*. Piepers & Snellen. 319.

SCARDIA [Tineidae].
——— *burkerella*. Busck. 51.

SCEA [Geometridae].
——— *semifulva*. Warren. 488.

SOEPSIS [Syntomidae].
——— *packardii* var. *cocklei* n. var. Dyar. 100.

SCHISTOPHLEPS [Arctiidae].
——— *aroa*. Bethune-Baker. 43.
——— *bicolora*. Bethune-Baker. 43.

SCIRPOPHAGA [Pyralidae].
——— *holophaealis*. Hampson. 185.

SCOLIACMA [Arctiidae].
——— *aroa*. Bethune-Baker. 43.
——— *hampsoni*. Bethune-Baker. 43.

SCOPARIA [Pyralidae].
——— *catactis*. Meyrick. 292.
——— *gonodecta*. Meyrick. 292.
——— *gymnopis*. Meyrick. 291.
——— *isophoea*. Meyrick. 291.
——— *religiosa*. Meyrick. 292.

SCOPELODES [Limacodidae].
——— *dinawa*. Bethune-Baker. 43.
——— *nitens*. Bethune-Baker. 43.
——— *tantula*. Swinhoe. 445.

SCORDYLIA [Geometridae].
——— *emporias*. Turner. 464.

Scotocyma n. gen. [Geometridae]. Turnér. 464.

SCOTORYTHRA [Geometridae].
——— *dissotis*. Meyrick. 292.
——— *leptias*. Meyrick. 292.
——— *metacrassa*. Meyrick. 292.
——— *paratactis*. Meyrick. 292.

SCYTHRIS [Tineidae].
——— *caniolella*. Fuchs. 154.
——— *disqueella*. Fuchs. 154.
——— *magnatella*. Busck. 51.
——— *tessulatella*. Rebel. 340.

SELIDOSEMA [Geometridae].
——— *combustaria*. Püngeler. 333.
——— *crassata*. Warren. 489.
——— *humarium* var. *emasculatum* n. var. Dyar. 100.
——— *pinguis*. Warren. 489.

SEMASIA [Tortricidae].
——— *aspidiscana* var. *catoptrana* n. var. Rebel. 338.

SEMIOTHISA [Geometridae].
——— *arhoparia*. Swinhoe. 444.
——— *butaria*. Swinhoe. 444.
——— *cararia*. Swinhoe. 444.
——— *formosa*. Warren. 491.
——— *indentata*. Warren. 488.
——— *instructaria*. Swinhoe. 444.
——— *intensata*. Warren. 488.
——— *natalensis*. Warren. 489.
——— *nigricomma*. Warren. 488.
——— *sherrata*. Swinhoe. 444.
——— *tattaria*. Swinhoe. 444.
——— *uvidaria*. Swinhoe. 444.

SEMOEOPUS [Geometridae].
——— *carnearia*. Warren. 491.
——— *incolorata*. Warren. 491.
——— *micropis*. Hampson. 185.
——— *signifer*. Warren. 488.

Serdis n. gen. [Hesperidae]. Mabille. 280.
——— *flagrans*. Mabille. 280.

SESIA [Sesiidae].
——— *aretica*. Beutenmüller. 101.

SICULODES [Thyrididae].
——— *figurata*. Warren. 491.
——— *lacteguttata*. Warren. 491.
——— *triumphans*. Warren. 488.

SIOYA [Geometridae].
——— *ennomaria*. Warren. 488.

Siderus n. gen. [Lycaenidae]. Kaye. 231.
——— *parvinotus*. Kaye. 231.

SIMOPTERYX [Geometridae].
——— *obliterata*. Warren. 488.

SINDRIS [Pyralidae].
——— *magnifica*. Jordan. 224.

SISEME [Erycinidae].
——— *peculiaris*. Druce. 92.

Smenodoca n. gen. [Tineidae]. Meyrick. 290.
——— *erebenna*. Meyrick. 290.

SOMERA [Notodontidae].
——— *oxoia*. Swinhoe. 443.

Sonatina [Geometridae].
——— *aecraria*. Swinhoe. 444.

Soritia [Zygaenidae].
——— *vitripennis*. Joannis. 218.

Spargania [Geometridae].
——— *intensa*. Warren. 488.
——— *rufifimbria*. Warren. 488.
——— *schistacea*. Warren. 488.
——— *semipallida*. Warren. 488.

Spatularia n. gen. [Tineidae]. Van Deventer. 82.
——— *fuligineella*. Van Deventer. 82.

Sphaleractis n. gen. [Tineidae]. Meyrick. 290.
——— *eurysema*. Meyrick. 290.
——— *parasticta*. Meyrick. 290.

Sphingonaepiopsis [Sphingidae].
——— *ansorgei*. Rothschild. 359.

Spindasis [Lycaenidae].
——— *nairobiensis*. Sharpe. 408.

Spirama [Noctuidae].
——— *kilaoensis*. Swinhoe. 446.
——— *sumbana*. Swinhoe. 446.

Spododes [Geometridae].
——— *basipunctata*. Warren. 491.

Sporastigena n. gen. [Lasiocampidae]. Bethune-Baker. 43.
——— *uniformis*. Bethune-Baker. 43.

Squamosala n. gen. [Limacodidae]. Bethune-Baker. 43.
——— *nigrostigmata*. Bethune-Baker. 43.

Stalachtis [Erycinidae].
——— *canidia*. Druce. 92.

Staphylus [Hesperidae].
——— *sinepunctis*. Kaye. 231.

Staudingeria [Pyralidae].
——— *holophaeella*. Rebel. 340.

Stauropus [Notodontidae].
——— *bella*. Bethune-Baker. 43.
——— *dinawa*. Bethune-Baker. 43.
——— *dubiosus*. Bethune-Baker. 43.
——— *kebeae*. Bethune-Baker. 43.
——— *pratti*. Bethune-Baker. 43.
——— *viridissimus*. Bethune-Baker. 43.

Stegania [Geometridae].
——— *mimitissima*. Swinhoe. 444.
——— *rubida*. Swinhoe. 444.

Stegasta n. gen. [Tineidae]. Meyrick. 290.
——— *allactis*. Meyrick. 290.
——— *variana*. Meyrick. 290.

Stenaloidia [Geometridae].
——— *fumibrunnea*. Warren. 488.
——— *guttata*. Warren. 488.
——— *intenusta*. Dognin. 88.
——— *latimedia*. Warren. 488.
——— ——— ab. *circumfumata* n. ab. Warren. 491.

Stenia [Pyralidae].
——— *hieralis*. Swinhoe. 443.

Stenoplastis [Geometridae].
——— *albifrons*. Warren. 491.
——— *semimaculata*. Warren. 491.
——— *spumata*. Warren. 488.

Stericta [Pyralidae].
——— *multicolor*. Dognin. 88.
——— *nigrisquama*. Dognin. 88.

Sterrha [Geometridae].
——— *hispidata*. Warren. 489.

Stibadium [Noctuidae].
——— *manti*. Barnes. 32.
——— *ochoa*. Barnes. 32.

Stibolepis [Lasiocampidae].
——— *hologramma*. Aurivillius. 24.

Stictopleoa [Nymphalidae].
——— *convallaria*. Thieme. 454.
——— *dufresnei: nica* n. subsp. Fruhstorfer. 135.

Stomyles [Hesperidae].
——— *gallio*. Mabille. 280.
——— *pupillatus*. Mabille. 280.

Streniastis n. gen. [Tineidae]. Meyrick. 290.

Striglinia [Thyrididae].
——— *divisata*. Warren. 490.

Stylocoros n. gen. [Tineidae]. Meyrick. 290.
——— *cyclonitis*. Meyrick. 290.
——— *lychnocentra*. Meyrick. 290.
——— *trigonias*. Meyrick. 290.

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The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Oxystoglossa decorata, characters. **Cockerell**, T. D. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (208).

Parandrena chalybioides n. sp. Oregon. **Viereck**, H. L. Canad. Ent., Toronto, **36**, 1904, (229).

Parasphecodes, table and nn. spp. **Cockerell**, T. D. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (209–210).

Podalirius nn. spp. Kashmir, Baluchistan. **Nurse**, C. G. Bombay, J. Nat. Hist. Soc., **15**, 1904, (582–584); *P. oratavae* n. sp. Tenerife. **Saunders**, E. Ent. Mag., London, **40**, 1904, (234).

Prosopis nn. spp. **Alfken**, J. D. Neue palaearktische *Prosopis*-Arten und -Varietäten. Zs. Hymenopter., Teschendorf, **4**, 1904, (322–327); *P. basimacula* n. sp. Darjiling. **Cameron**, P. Entomologist, London, **1904**, (209); *P.*, synopsis of spp.; *P. sayi* n. sp. N. America. **Robertson**, C. Canad. Ent., Toronto, **36**, 1904, (273–275).

Proteraner nn. spp. Colorado. **Cockerell**, T. D. A. *l.c.* (233).

Psaenythia unizonata n. sp. Argentina. **Holmberg**, E. L. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (455–456).

Psithyrus, Analyse der Arten Böhmens und Mähren's mit biologischen Bemerkungen. **Slavíček**, J. (Čechisch) Prostějov, Věstn. Kl. Přírod., **4**, 1902, (83–106, 1 Taf.).

Pterandrena nn. spp. Oregon. **Viereck**, H. L. Canad. Ent., Toronto, **36**, 1904, (228–229).

Ptiloglossa nn. spp. **Friese**, H. Zs. Hymenopter., Teschendorf, **4**, 1904, (17–20).

Rhathymus and *Eurylis*, characters. **Cockerell**, T. D. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (208).

Saropoda alpha n. sp. Australia. **Cockerell**, T. D. A. *l.c.* (204).

Scirtetica n. gen., *S. antarctica* n. sp. Argentina. **Holmberg**, E. L. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (389–391).

Serapis rufipes n. sp. **Friese**, H. Zs. Hymenopter., Teschendorf, **4**, 1904, (106).

Sphecodes nn. spp. Oregon. **Cockerell**, T. D. A. Canad. Ent., Toronto, **36**, 1904, (230–232); *S.* nn. spp. New Mexico. **Cockerell**, T D. A. Entomologist, London, **1904**, (5); *S. arroyanus* n. sp. New Mexico. **Cockerell**, T. D. A. *l.c.* (231).

Svastra? fulgurans n. sp. Argentina. **Holmberg**, E. L. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (388-389).

Synhalonia frater: *aragalli* n. subsp., *S. crenulaticollis* var. *lippeae* n. var. **Cockerell**, T. D. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (25).

Tapinotaspis n. gen., *T. chacabucensis*, *T. sabularum* nn. spp. Argentina. **Holmberg**, E. L. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (413–416).

Teleutemnesta n. gen., *T. fructifera*, *T. scalaris*, *T. relata*, *T. distincta*, *T. separata* nn. spp. Argentina. **Holmberg**, E. L. *l.c.* (400–406).

Thygater chrysophora n. sp. Argentina. **Holmberg**, E. L. *l.c.* (386-387).

Thyreothremma n. gen., *T. rhopalocera*, *T. desiderata*, *T. abscondita* nn. spp. Argentina. **Holmberg**, E. L. *l.c.* (391–397).

Trachandrena nn. spp. Oregon. **Viereck**, H. L. Canad. Ent., Toronto, **36**, 1904, (159–161).

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Trigona nn. spp., *T. molesta* (Puls), description. Argentina. **Holmberg**, E. L. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (378–380); *T.* nn. spp. Rio de la Plata. **Silvestri**, F. Riv. patol. veg., Portici, **10**, 1901–1902, (121–174, con 19 fig. e 3 tav.).

Xylocopa collaris var. *binghami* n. var., *X. nautlana* n. sp. **Cockerell**, T. D. A. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (30); *X. violacea* Biologie. **Schuster**, L. Zool. Garten, Frankfurt a. M., **45**, 1904, (98).

VESPIDAE.

General.

Dalla Torre, K. W. von. Hymenoptera, fam. *Vespidae*. *In*: Wytsman, Genera Insectorum, Fasc. **19**, 1904, (1–108, with 6 pls.).

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Special.

Alastor nn. spp. La Plata. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (303–311); *A. mercati* n. sp. Spain. **Dusmet y Alonso**, J. M. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (126–127).

Alpha n. gr. of *Paragia*. **Dalla Torre**, K. W. von. *In*: Wytsman, Genera Insectorum, fasc. **19**, 1904, (4).

Arachnospila septentrionalis n. sp. **Kincaid**, T. *In*: Alaska, (Harriman Expedition), New York, **9**, 1904, (107–112).

Belenogaster occidentalis n. sp. Africa. **Tullgren**, A. Ark. Zool., Stockholm, **1**, 1904, (453–456, 461–462).

Beta n. gr. of *Paragia*. **Dalla Torre**, K. W. von. *In*: Wytsman, Genera Insectorum, fasc. **19**, 1904, (4).

Chartergus nn. spp. Parà. **Ducke**, A. Bol. Mus. Goeldi, Parà, **4**, 1904, (330, 335, 336, 338).

Ctenochilus argentinus n. sp. La Plata. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (232–233).

Deuterapoica n. nom. for *Apoica*. **Dalla Torre**, K. W. von. *In*: Wytsman, Genera Insectorum, fasc. **19**, 1904, (79).

Deuterodiscoelius n. gr. of *Discoelius*. **Dalla Torre**, K. W. von. *l.c.* (18).

Discoelius nn. spp. La Plata. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (234–249).

Eualastor n. gr. for part of *Alastor*. **Dalla Torre**, K. W. von. *In*: Wytsman, Genera Insectorum, fasc. **19**, 1904, (60).

Euancistrocerus n. nom. for *Ancistrocerus* Sauss. **Dalla Torre**, K. W. von. *l.c.* (36).

Euceramius n. gr. of *Ceramius*. **Dalla Torre**, K. W. von. *l.c.* (5).

Eudiscoelius n. gen., *E. metallicus* n. sp. **Friese**, H. Zs. Hymenopter., Teschendorf, **4**, 1904, (16).

Euepipona n. nom. for *Epiponus* s. str. Sauss. **Dalla Torre**, K. W. von. *In*: Wytsman, Genera Insectorum, fasc. **19**, (39).

Eumenes nn. spp., *E. argentina* (Berg), description. La Plata. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (252–260); *E. alfkeni* n. sp. **Ducke**, A. Zs. Hymenopter., Teschendorf, **4**, 1904, (133); *E. gracillima* n. sp. **Tullgren**, A. Ark. Zool., Stockholm, **1**, 1904, (445–446, with pl.); *E. micado* n. sp. Japan. **Cameron**, P. Entomologist, London, **1904**, (35); *E. montata* n. sp. India. **Nurse**, C. G. Bombay, J. Nat. Hist. Soc., **16**, No. 1, 1904, (26); *E. parvilineata* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (12).

Eumontezumia n. nom. for a division of *Montezumia*. **Dalla Torre**, K. W. von. *In*: Wytsman, Genera Insectorum, fasc. **19**, 1904, (27).

Euodynerus n. nom. for *Odynerus* pt. Sauss. **Dalla Torre**, K. W. von. *l.c.* (38).

Eupolistes n. gr. for pt. of *Polistes*. **Dalla Torre**, K. W. von. *l.c.* (68).

Eupolybia n. subgen. (*Polybia*). **Dalla Torre**, K. W. von. *l.c.* (76).

Eurrhynchium n. nom. for *Rhynchium*. **Dalla Torre**, K. W. von. *l.c.* (33).

Eusynagris n. nom. for *Synagris*. **Dalla Torre**, K. W. von. *l.c.* (30).

Euzethus n. gr. for *Zethus*. **Dalla Torre**, K. W. von. *l.c.* (14).

Hymenosmithia n. nom. for *Smithia* Sauss. **Dalla Torre**, K. W. von. *l.c.* (61).

Icariastrum n. nom. for *Icaria*. **Dalla Torre**, K. W. von. *l.c.* (72).

Icariella n. nom. for *Icaria*. **Dalla Torre**, K. W. von. *l.c.* (72).

Icar'ola n. nom. for *Icaria*. **Dalla Torre**, K. W. von. *l.c.* (72).

Juartinia indica n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (89–90).

Leontiniella n. gen., *L. argentina* n. sp. Argentina. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (265–267).

Macrovespa n. nom. for part of *Vespa*. **Dalla Torre**, K. W. von. *In*: Wytsman, Genera Insectorum, fasc. **19**, 1904, (64).

Megacanthopus n. gen., *M. collaris*, *M. lecointei*, *M. alfkenii*, *M. imitator*, *M. punctatus* nn. spp. Parà. **Ducke**, A. Bol. Mus. Goeldi, Parà, **4**, 1904, (358–363).

Monobia angulosa var. *cingulata* n. var. Argentina. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (264); *M. atroruba* n. sp. **Ducke**, A. Zs. Hymenopter., Teschendorf, **4**, 1904, (142).

Montezumia bruchii n. sp.; *M. ferruginea* Sauss., description. La Plata. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (261–263); *M. difficilis* n. sp. **Ducke**, A. Zs. Hymenopter., Teschendorf, **4**, 1904, (141).

Nortonia nn. spp. **Schulthess**, A. von. *l.c.* (270–283); *N. sulcata* n. sp. **Ducke**, A. *l.c.* (140).

Odynerus nn. spp. and description of species. La Plata. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (268–303, 312–313); *O.* nn. spp. Darjiling. **Cameron**, P. Entomologist, London, **1904**, (308, 309); *O.* (*Stenodynerus*) n. sp. Argentina. **Brèthes**, J. *l.c.* (303); *O.* (*? Ancistrocerus*) *aberrativus* n. sp. Abba Island. **Morice**, F. D. *In*: Jägerskiöld, L. A. Res. exped. Egypt, Uppsala, 1904, Pt. 1, (4–6); *O. argentinus*, nesting habits. **Brèthes**, J. Rev. Mus., La Plata, **10**, 1904, (204). *O. camierus* n. sp. Darjiling. **Cameron**, P. Entomologist, London, **1904**, (259); *O. falcatus* n. sp. **Tullgren**, A. Ark. Zool., Stockholm, **1**, 1904, (452–453, with pl.); *O. eatoni* n. sp. Tenerife. **Saunders**, E. Ent. Mag., London, **40**, 1904, (203).

Paracharteryus n. gen., *P. bentobuenoi* n. sp. Amazons. **Ihering**, R. von. San Paulo, Rev. Mus., **6**, 1904, (128–130).

Polistes, coloration. **Enteman**, W. M. Washington, D.C., (Carnegie institution) 1904, (88, with text fig., pl., and maps); *P.* nn. spp. Parà. **Ducke**, A. Bol. Mus. Goeldi, Parà, **4**, 1904, (368–372); *P.* nn. spp., nomm., et varr. Brazil. **Ihering**, R. von. *l.c.* (184, 188–190, 198–199, 210–211, 217–218); *P. inornatus* n. sp. **Tullgren**, A. Ark. Zool., Stockholm, **1**, 1904, (456–457, with pl.); *P. ruficornis* Sauss., *P. ferreri* Sauss, *P. crinitus* (Felt.) Smith, *P. versicolor* (Oliv.) Sauss, description; *P. niger* n. sp.? S. America. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (20–27).

Polistoides n. gr. for part of *Polistes*. **Dalla Torre**, K. W. von. *In*: Wytsman, Genera Insectorum, fasc. **19**, 1904, (68).

Polybia nn. spp. Parà. **Ducke**, A. Bol. Mus. Goeldi, Parà, **4**, 1904, (341, 349, 351–356); *P. pseudomimetica* n. sp. Amazonia. **Schulz**, W. München, SitzBer. Ak. Wiss., Math.-phys. Kl., **33**, (1903), 1904, (803); *P. ruficeps* Schrottky, description; *P. jurinei* var., *bonäerense* n. var. S. America. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (28–29, 34–35).

Protapoica n. nom. for *Apoica*. **Dalla Torre**, K. W. von. *In*: Wytsman, Genera Insectorum, fasc. **19**, 1904, (79).

Protodiscoelius n. gr. of *Discoelius*. **Dalla Torre**, K. W. von. *l.c.* (18).

Rhynchium sirdari n. sp. Khartum. **Morice**, F. D. *In*: Jägerskiöld, L. A. Res. exped. Egypt, Uppsala, 1904, Pt. 1, (4).

Synagris nn. spp. Africa. **Tullgren**, A. Ark. Zool., Stockholm, **1**, 1904, (447–451, with pl.).

Tetrarthra n. gr. of *Monobia*. **Dalla Torre**, K. W. von. *In*: Wytsman, Genera Insectorum, fasc. **19**, 1904, (28).

Triarthra n. gr. of *Monobia*. **Dalla Torre**, K. W. von. *l.c.* (28).

Trimeria buyssoni n. sp. Argentine. **Brèthes,** J. Buenos Aires, An. Mus., (Ser. 3), **2,** 1903, (371-374).

Tritodiscoelius n. gr. of *Discoelius*. **Dalla Torre,** K. W. von. *In*: Wytsman, Genera Insectorum, fasc. **19,** 1904, (18).

Vespa nn. spp. **Du Buysson,** R. Paris, Bul. soc. ent., **1903,** (174-175); *V. germanica*, Nestbau. **Pechlaner,** E. Wien, Verh. ZoolBot. Ges., **54,** 1904, (77-79); *V. rufa*, nest with *V. austriaca*. **Beresford,** D. R. P. Irish Nat., Dublin, **1904,** (242); *V. vulgaris* L., instinct carnassier. **Giard,** A. Paris, Bul. soc. ent., **1903,** (9-10)

Wettsteinia n. gen. for *Labus*. **Dalla Torre,** K. W. von. *In*: Wytsman, Genera Insectorum, fasc. **19,** 1904, (13).

Zethus nn. spp. India. **Cameron,** P. Zs. Hymenopter., Teschendorf, **4,** 1904, (13-14); *Z.* nn. spp. **Ducke,** A. *l.c.* (134-143); *Z. broomi* n. sp. Cape Colony. **Cameron,** P. Graham's Town, Cape Colony, Rec. Albany Mus., **1,** 1904, (110).

SPHEGIDAE.

General.

Adlerz, G. Conditions of life and instincts in the families *Pompilidae* and *Sphegidae*. (Swedish) Stockholm, Vet.-Ak. Handl., **37,** No. 5, 1903, (181).

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Ashmead, W. H. Classification of the fossorial, predaceous, and parasitic wasps, or the super-family Vespoidea. Paper No. 18 contd. Canad. Ent., Toronto, **36,** 1904, (5-9).

Ducke, A. Zur Kenntnis der Sphegiden Nordbrasiliens. Zs. Hymenopter., Teschendorf, **4,** 1904, (91-98).

Special.

Aeluroides n. gen., *A. sjöstedti* n. sp. **Tullgren,** A. Ark. Zool., Stockholm, **1,** 1904, (428-430, with pl.).

Agenia lynchii n. sp. Argentina. **Holmberg,** E. L. Buenos Aires, An. Mus., (Ser. 3), **2,** 1903, (494).

Ammophila spp. from N. America. **Melander,** A. L. Psyche, Cambridge, Mass., **10,** 1903, (156-164).

Ampulex hellmayri n. sp. Amazonia. **Schulz,** W. München, Sitzber. Ak. Wiss., Math.-phys. Kl. **33,** (1903), 1904, (760).

Anoplius nn. spp. Cape Colony. **Cameron,** P. Graham's Town, Cape Colony, Rec. Albany Mus., **1,** 1904, (126-135).

Apteropompilus dentatus n. sp. S. Africa. **Cameron,** P. Zs. Hymenopter., Teschendorf, **4,** 1904, (176).

Astata lucinda n. sp. India. **Nurse,** C. G. Bombay, J Nat. Hist. Soc., **16,** No 1, 1904, (19-26).

Aulacophilus eumenoides n. sp. **Ducke,** A. Zs. Hymenopter., Teschendorf, **4,** 1904, (97).

Bembex, biologie. **Bouvier,** E. L. Feuille jeunes natural., Paris, (sér. **4**), **32,** 1902, (65-68); Année psychol., Paris, **1901,** (70); *B.* nn. spp. Spain. **Garcia Mercet,** R. Madrid, Bol. soc. esp. hist. nat., **4,** 1904, (343-348); *B. khasiana* n. sp. Assam. **Cameron,** P. London, Trans. Ent. Soc., **1904,** (123); *B. megadonta* n. sp. Darjiling. **Cameron,** P. Entomologist, London, **1904,** (261).

Bothynostethus clypearis n. sp. Nordbrasiliens. **Ducke,** A. Zs. Hymenopter., Teschendorf, **4,** 1904, (189-190); *B. collaris* n. sp. **Ducke,** A. *l.c.* (95).

Cerceris nn. spp. N. India. **Cameron,** P. Ann. Mag. Nat. Hist., London, (Ser. 7), **13,** 1904, (292, 293); *C.* nn. spp. Argentina. **Holmberg,** E. L. Buenos Aires, An. Mus., (Ser. 3), **2,** 1903, (475-486).

Ceropales maculata Fab. parasitic. **Adlerz,** G. Stockholm, Vet.-Ak. Bih., Afd. IV **28,** No. 14, 1902, (20); *C. punctulata* n. sp. Cape Colony. **Cameron,** P. Graham's Town, Cape Colony, Rec. Alban. Mus., **1,** 1904, (138); *C. quaintancei* n. sp. **Viereck,** H. L. Philadelphia, Pa., Ent. News Acad. Nat. Sci., **13,** 1902, (275-276).

Crabro nn. spp. Himalaya. **Cameron,** P. Entomologist, London, **1904,** (260-261); *C.* (*Corynopus*) *heterocerus* n. sp. Patagonia. **Mantero,** G. Firenze, Boll. Soc. entom., **33,** (1901), trimestre 3-4, 1902, (197-203); *C.* (*Coelocrabro*) *styrus*

Kohl., new to Britain. **Saunders**, E. Ent. Mag., London, **40**, 1904, (11)

Dielis testaceipes n. sp. Japan. **Cameron**, P. Entomologist, London, **1904**, (34).

Diodontus gracilipes n. sp. Tenerife. **Saunders**, E. Ent. Mag., London, **40**, 1904, (202).

Elaphroptera herbsti n. sp. Chili. **André**, E. Zs. Hymenopter., Teschendorf, **4**, 1904, (308).

Ephuta (*Photopsis*) *chilicola* n. sp. Chili. **André**, E. *l.c.* (306).

Ephutomorpha nn. spp. Australie. **André**, E. Paris, Mém. soc. zool., **15**, 1902, (244–277).

Homalothynnus n. gen., *H. eburneus* n. sp. **Enderlein**, G. Zool. Anz., Leipzig, **27**, 1904, (466–470).

Ischnolynthus n. gen., *I. foveolatus* n. sp. Argentina. **Holmberg**, E. L. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (472–473).

Larra nn spp. N. India. **Cameron**, P. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (294, 295, 302).

Liris violaceipennis n. sp. N. India. **Cameron**, P. *l c.* (300).

Methoca ichneumonides Latr., proie. **Adlerz**, G. Ark. Zool., Stockholm, **1**, 1904, (255–258).

Mimesa palliditarsis n. sp. Majorca. **Saunders**, E. London, Trans. Ent. Soc., **1904**, (605); *M. propinqua* n. sp. **Kincaid**, T. Alaska, (Harriman Expedition), **9**, New York, 1904, (107–112).

Monedula surinamensis, nesting habits. **Brèthes**, J. Rev. Mus., La Plata, **10**, 1904, (200–204).

Mutilla nn. spp. N. India. **Cameron**, P. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (279–280); Zs. Hymenopter., Teschendorf, **4**, 1904, (6–8); *M. sordidata* n. sp. Cameroons. **Tullgren**, A. Ark. Zool., Stockholm, **1**, 1904, (427–428); *M. vesta* n. sp. India. **Dudgeon** in **Nurse**, C. G. Bombay, J. Nat. Hist. Soc., **16**, No. 1, 1904, (24).

Nectanebus Spin., mediterrane Arten. **Schulz**, W. A. Allg. Zs. Ent., Neudamm, **9**, 1904, (9–11).

Nysson alfkeni n. sp. Brasilien. **Ducke**, A. Zs. Hymenopter., Teschendorf, **4**, 1904, (189–190); *N. laufferi* n. sp. Spain. **Garcia Mercet**, R. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (392–393); *N. violaceipennis* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (10).

Ochleroptera n. gen., *O. oblita* n. sp. Argentina. **Holmberg**, E. L. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (487–488).

Odontolarra nigra n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (12).

Odontomutilla australica n. sp. **André**, E. Australie. Paris, Mém. soc. zool., **15**, 1902, (241–243).

Odontothynnus n. gen., *O. bidentata*, *O. lacteipennis* nn. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (161–162).

Ornepetes albonotata n. sp. Chili. **André**, E. Zs. Hymenopter., Teschendorf, **4**, 1904, (314).

Oxybelus platensis n. sp. Buenos Aires. **Brèthes**, J. Rev. Mus., La Plata, **10**, 1904, (195–200).

Paltothyreus tarsatus, offensive odour. **Poulton**, E. B. London, Trans. Ent. Soc., **1904**, (Proc. XL).

Paniscomima n. gen., *P. erlangeriana* n. sp. **Enderlein**, G. Zool. Anz., Leipzig, **27**, 1904, (464–466).

Philanthus camerunensis n. sp. Itoki. **Tullgren**, A. Ark. Zool., Stockholm, **1**, 1904, (441–442, with pl.).

Piagetia varicornis n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (11).

Podium (*Parap.*) *batesianum* n. sp. **Schulz**, W. München, SitzBer. Ak. Wiss., Math.-phys. Kl., **33**, (1903), 1904, (772).

Pompilus nn. spp.; *P. semiplumbeus* Tasch., description. Argentina. **Holmberg**, E. L. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (496–503); *P.* nn. spp. Santa Cruz. **Mantero**, G. Firenze, Boll. Soc. entom., **33**, (1901), trimestre 3-4, 1902, (197–203); *P. bifasciatus* n. sp **Tullgren**, A. Ark. Zool., Stockholm, **1**, 1904, (441–442, with pl.); *P. quimarensis* n. sp. Tenerife. **Saunders**, E. Ent. Mag., London, **40**, 1904, (200); *P. poultoni* n. sp. Majorca. **Saunders**, E. London, Trans. Ent. Soc., **1904**, (600).

Pergande, T. *Formicidae* of the expedition. [Reprinted from Washington, D.C., Proc. Acad. Sci., **2**, 1900, (519-521)]. [*In*: Alaska, (Harriman Expedition) edited by C. Hart Merriam, Vol. 9.] New York, 1904, (113-117).

Ruzskij, M. Ameisenfauna des Kaukasus und der Krim. (Russ.) Kazaní, Prot. Obšč., jest., **1902-1903,** [1904], Jhg., 34, No. 206, (1-33).

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SPECIAL.

Acanthostichus texanus n. sp. Texas. **Forel,** A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (168-169).

Anochetus pellucidus n. sp. **Emery,** C. Bologna, Rend. Acc. Sc., (N. Ser.), **6**, (1901-1902), 1902, (27-34); *A. trasgaordhi* n. sp. Khartum. **Mayr,** G. *In*: Jägerskiöld, L. A. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (2-3).

Anomma emeryi var. *pulsi* n. var. W. Africa. **Forel,** A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (170).

Atta coronata Fabr., worker. **Forel,** A. *l.c.* (176); *A.* (*Trachymyrmex*) *turrifex* n. sp. Texas. **Wheeler,** W. M. Psyche, Cambridge, Mass., **10**, 1903, (93-111, with text fig.).

Azteca nn. spp. **Forel,** A. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (692-702).

Brachymyrmex nanellus n. sp. Texas. **Wheeler,** W. M. Psyche, Cambridge, Mass., **10**, 1903, (93-111, with text fig.).

Caba n. nom. = *Brachygastra* Perty nec *Brachygaster* Leach; table of species; *C. bilineolata* var. *fasciata* n. var. **Ihering** R. von. San Paulo, Rev. Mus., **6**, 1904, (105-114).

Camponotus. nn varr. **Forel,** A. St. Peterburg, Ann. Mus. zool. Ac. Sc., **8**, 1903, [1904], (379-381); *C. herculeanus* var. *uchymperi*, characters. **Forel,** A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (152); *C. maculatus* nn. varr. Cyprus, Port Elizabeth. **Forel,** A. *l.c.* (176-179); *C. maculatus: xerxes* n. st. **Forel,** A. *l.c.* (424); *C. pubescens.* Ueberwinterung in Südtirol. **Cobelli,** R. Wien, Verh. ZoolBot. Ges., **53**, 1903, (369-380); *C. texanus* n. sp. Texas, **Wheeler,** W. M. Psyche, Cambridge, Mass., **10**, 1903, (93-111, with text fig.); *C. ulei* n. sp. **Forel,** A. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (706).

Carebara junodi n. sp. Shilouvane, Africa. **Forel,** A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (154-155).

Cerapachys augustae, habits. **Wheeler,** W. M. Psyche, Cambridge, Mass., **10**, 1903, (205-209, with text fig.); *C. dohertyi* n. sp. **Emery,** C. Bologna, Rend. Acc. Sc., (N. Ser.), **6**, (1901-1902), 1902, (22-27).

Cremastogaster scutellaris, Ueberwinterung in Südtirol. **Cobelli,** R. Wien, Verh. ZoolBot. Ges., **53**, 1903, (369-380).

Cryptocerus complanatus: ramiphilus n. subsp. **Forel,** A. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (678).

Diacamma rugivertex n. sp. **Emery,** C. Bologna, Rend. Acc. Sc., (N. Ser.), **6**, (1901-1902), 1902, (27-34).

Dorylus (*Anomma*) *kohli* n. sp. Congo. **Wasmann,** E. Zool. Jahrb., Jena. Suppl., **7**, 1904, (669); *D. spininodis* n. sp., studî sul polimorfismo e la metamorfosi nel genere *Dorylus.* **Emery,** C. Bologna, Mem. Acc. sc., Sezione delle Scienze naturali, (Ser. 5), **9**, 1901-1902, (183-210, con 2 tav.).

Dorymyrmex antarcticus n. sp. **Forel,** A. Ergebn. Magalhaens. Exp., Lfg. **7**, No. 8, (6).

Eciton (*Acamatus*) *pauxillum* n. sp. Texas. **Wheeler**, W. M. Psyche, Cambridge, Mass., **10**, 1903, (93-111, with text fig.); *E. sclysi* n. sp. Brazil. **Forel**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (169).

Ectatomma (*Gnamptogenys*) *haenschi* n. sp. **Emery**, C. Bologna, Rend. Acc. Sc., (N. Ser.), **6**, (1901-1902), 1902, (27-34); *E. tuberculatum*, pupation. **Cook**, O. F. Science, New York, N.Y., (N. Ser.), **20**, 1904, (310-312); *E. tuberculatum*. **Cook**, O. F. *l.c.* (611-612); *E. tuberculatum*. **Sanderson**, E. D. *l.c.* (887-888); *E. tuberculatum*. **Wheeler**, W. M. *l.c.* (437-440, 766-768).

Formica adelungi n. sp. Mongolia. **Forel**, A. St. Peterburg, Ann. Mus. Zool. Ac. Soc., **8**, 1903, [1904], (385); *F. exsecta* Nyl., als Hügelbildner in Sümpfen. **Holmgren**, N. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (353-370); *F. fusca* var. *rubescens* n. var. **Forel**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (423-424); *F. rufa* var. *whymperi* n. var., *F. dacotensis* var. *wasmanni* n. var. B. Columbia. **Forel**, A. *l.c.* (152-153); *F. sanguinea*, sociale Beziehungen, Symbiose. **Viehmeyer**, H. Allg. Zs. Ent., Neudamm, **9**, 1904, (334-344); *F. suecica* n. sp. Sweden. **Adlers**, G. Stockholm, Vet.-Ak. Ofvers, **59**, 1902, (263-265).

Lasius social relations. **Cockerell**, W. P. Psyche, Cambridge, Mass., **10**, 1903, (216-218); *L. emarginatus* und *L. fuliginosus*, Ueberwinterung in Südtirol. **Cobelli**, R. Wien, Verh. Zool-Bot. Ges., **53**, 1903, (369-380); *L. niger* var *flavescens* n. var. **Forel**, A. St. Peterburg, Ann. Mus. zool. Ac. Sc., **8**, 1903, [1904], (386); *L. niger sitkdensis*, n. subsp. Alaska. **Pergande**, T. Alaska (Harriman Expedition), New York, **9** 1904, (113-117).

Leptogenis intermedia n. sp. **Emery**, C. Bologna, Rend. Acc. Sc., (N. Ser.), **6**, (1901-1902), 1902, (27-34).

Leptothorax alpinus n. sp., *L. unifasciatus* var *tauricus* n. var. Caucasus-centr. **Ruzskij**, M. Kazanĭ, Prot. Obšč. jest., **1902-1903**, [1904], Jhg, 34, No. 206, (22); *L. bulgaricus* var. *melleus* n. var. **Forel**, A. St. Peterburg, Ann. Mus. zool. Ac. Sc., **8**, 1903, [1904], (375); *L. emersoni*, ethological observations. **Wheeler**, W. M. J. Psychol., Leipzig, **2**, 1903, (31-47, 64-78); *L. yankee* var *kincaidi* n. var. Alaska. **Pergande**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (113-117).

Macromischa subditiva n. sp. Texas. **Wheeler**, W. M. Psyche, Cambridge, Mass., **10**, 1903, (93-111, with text fig.).

Megalomyrmex emeryi n. sp. Surinam. **Forel**, A. Bruxelles. Ann. Soc. ent. Belgique, **48**, 1904, (174-175).

Megaponera dohrni n. sp. **Emery**, C. Bologna, Rend. Acc. sc., (N. Ser.), **6**, (1901-1902), 1902, (27-34).

Melophorus nn. spp. **Forel**, A. Ergebn. Magalhaens. Exp., Hamburg, Lfg 7, No. 8, 1904, (4-6).

Myrmecocystus viaticus nn. varr. **Forel**, A. St. Peterburg, Ann. Mus. zool. Ac. Sc., **8**, 1903, [1904], (382).

Myrmelachista nn. spp. **Forel**, A. Zool., Jahrb., Jena, Abt. f. Syst., **20**, 1904, (704-705).

Myrmica rubra nn. varr. British Columbia. **Forel**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (154); *M. rubra* var. *tenuispina* n. var. **Forel**, A. St. Peterburg, Ann. Mus. zool. Ac. Sc., **8**, 1903, [1904], (374); *M. sabuleti* Meinert, var. *lobifrons*. n. var. Alaska. **Pergande**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (113-117).

Ophthalmopone nn. spp. **Emery**, C. Bologna, Rend. Acc. sc., (N. Ser.), **6**, (1901-1902), 1902, (27-34).

Pachycondyla (*Ectomomyrmex*) *japonica* n. sp. **Emery**, C. *l.c.* (27-34).

Pheidole nn. spp. Texas. **Wheeler**, W. M. Psyche, Cambridge, Mass., **10**, 1903, (93-111, with text fig.); *P. severini* n. sp. Cayenne; *P. ursus* var. *gracilinoda* n. var. Mexico. **Forel**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (171-172); *P. termitophila* n. sp. Sudan. **Forel**, A. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (13-14).

Phyracaces nn. spp. **Emery**, C. Bologna, Rend. Acc. sc., (Ser. 4), **6**, (1901-1902), 1902, (22-27).

Plagiolepis deveti n. sp. Natal. **Forel**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (423).

Podomyrma silvicola var. *dimidiata* n. var. **Forel**, A. *l.c.* (170).

Polyrhachis gracilis: alata, worker. **Forel,** *A. l.c.* (177).

Ponera inexorata n. sp. Texas. **Wheeler,** W. M. Psyche, Cambridge, Mass., **10,** 1903, (93-111, with text fig.).

Prenolepis nn. spp. Texas. **Wheeler,** W. M. *l.c.* (93–111, with text fig.); *P. jaegerskioeldi* n. sp. Cairo. **Mayr,** G. *In* : Jägerskiöld, L. A. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (8–10); *P. traejaordhi* n. sp. Sudan. **Forel,** A. v. Wasmann, E. *l.c.* (14–15).

Pseudomyrma nn. spp. **Forel,** A. Zool. Jahrb., Jena, Abt. f. Syst., **20,** 1904, (684–690); *P. latinoda* var. *opacior* n. var. Cuba. **Forel,** A. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (170).

Rhopalothrix procera var. *ballioni* n. var. **Forel,** A. *l.c.* (175).

Sima sahlbergi var. *deplanata* n. var. **Forel,** A. St. Peterburg, Ann. Mus. zool. Ac. Sc., **8,** 1903, [1904], (375).

Solenopsis geminata, ravages in orange gardens in Porto Rico. **Barrett,** O. W. Bull. Dept. Agric. Jamaica, **2,** 1904, (204–206); *S. mœ'leri* n. sp. var. *gracilior* n. var. Brazil; *S. corticalis* var. *virgula* n. var. Cuba; *S. geminata: pylades* n. subsp. **Forel,** A. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (172–174).

Stenamma spp. North America. *S. brevicorne: schmittii* n. subsp. **Wheeler,** W. M. Psyche, Cambridge, Mass., **10,** 1903, (164–168); *S. barbarus* var *persicus* n. var. Teheran. **Forel,** A. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (175); *S. tuberculatum*. Nation. Geog. Mag., Washington, D.C., **15,** 1904, (262–264).

Strumigenys ludovica n. sp. Madagascar. **Forel,** A. St. Peterburg, Ann. Mus. zool. Ac. Sc., **8,** 1903, [1904], (369).

TUBULIFERA.

CHRYSIDIDAE.

General.

Mocsáry, A. *Chrysididae* in Africa meridionali . . . collectae. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (403–413).

Special.

Chrysis nn. spp., nn. varr. Spain. **Garcia Mercet,** R. Madrid, Bol. soc. esp. hist. nat., **4,** 1904, (86–89); *C.* nn. spp. India. **Nurse,** C. Bombay, J. Nat. Hist. Soc., **16,** No. 1, 1904, (19–26); *C. chlorochrisa* (Mocs). **Nurse,** C. G. *l.c.* (21); *C. hydropica*, capture à Digne. **Poujade,** G. A. Paris, Bul. soc. ent., **1903,** (226); *C.* nn. spp. Central Africa; *C. palliditarsis* Spin., faunistisch. **Mocsáry,** A. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (405–413).

Cleptes nigrita n. sp. Spain. **Garcia Mercet,** R. Madrid, Bol. soc. esp. hist. nat., **4,** 1904, (83–84).

Cleptidea n. gen., verwandt mit *Cleptes* Latr., *Cl. aurora* Smith, *C. fasciata* Dhlb., *C. mutilloides* Ducke, *C. xanthomelaena* Mocs. **Mocsáry,** A. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (567–569).

Euchroeoides n. gen., *E. oblatus* n. sp. India. **Nurse,** C. G. Bombay, J. Nat. Hist. Soc., **16,** No. 1, 1904, (23).

Hedychridium nn. spp. Deesa. **Nurse,** C. G. *l.c.* (19–26).; *H. auritentris* n. sp. Spain. **Garcia Mercet,** R. Madrid, Bol. soc. esp. hist. nat., **4,** 1904, (85–86); *H. dubium* n. sp., *H. minutum* var. *melanogaster* n. var. Spain. **Garcia Mercet,** R. *l.c.* (146–148).

Hedychrum stantoni n. sp. Philippines. **Ashmead,** W. H. Canad. Ent., Toronto, **36,** 1904, (283).

Holopyga gloriosa F. var. *intermedia* n. var. Spain. **Garcia Mercet,** R. Madrid, Bol. soc. esp. hist. nat., **4,** 1904, (85); *H. janthina* Dhlb, Beschreibung. **Mocsáry,** A. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (403–404).

Parnopes nn. spp. North America. **Viereck,** H. L. Philadelphia, Pa., Acad. Nat. Sci., Trans. Amer. Ent. Soc., **30,** 1904, (245–250).

Spintharis bispinosa Mocs., faunistisch. **Mocsáry,** A. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (404).

PARASITICA.

PROCTOTRUPIDAE.

Bocchus atriceps n. sp. New York. **Brues,** C. T. Canad. Ent., Toronto, **36,** 1904, (118–119).

Dryinus nigrellus n. sp. Long Island. **Brues**, C. T. *l.c.* (117–118).

Epyris nn. spp. Texas. **Kieffer**, J. J. Ark. Zool., Stockholm, **1**, 1904, (526–528); *E. albopilosus* n. sp. Darjiling. **Cameron**, P. Entomologist, London, **1904**, (307).

Eupsenella herbsti n. sp. Chili. **Kieffer**, J. J. Rev. chilena, Valparaiso, **8**, 1904, (142, pl. V, fig 1).

Gonatopus sjöstedti n. sp. Texas. **Kieffer**, J. J. Ark. Zool., Stockholm, **1**, 1904, (525–526).

Goniozus longiceps n. sp. Texas. **Kieffer**, J. J. *l.c.* (529–530).

Hoplogryon sulcatus n. sp. Texas. **Kieffer**, J. J, *l.c.* (538–539).

Hoploteleia rufidorsum n. sp. Brasilien. **Kieffer**, J. J. *l.c.* (533–534).

Lapitha nigriceps n. sp. Brasilien. **Kieffer**, J. J. *l.c.* (537–538).

Macroteleia punctata n. sp. Texas. **Kieffer**, J. J. *l.c.* (532–533).

Oxylabis bifoveolatus n. sp. New Jersey. **Brues**, C. T. Canad. Ent., Toronto, **36**, 1904, (118–119).

Pentacantha longicornis n. sp. Texas. **Kieffer**, J. J. Ark. Zool., Stockholm, **1**, 1904, (536–537).

Polygnotus minutus Lindm., cycle évolutif. **Marchal**, P. Paris, Bul. soc. ent., **1903**, (90–93).

Proctotrypes unidentatus n. sp. Chili. **Kieffer**, J. J. Rev. chilena, Valparaiso, **8**, 1904, (145–146).

Proplatygaster n. gen., *P. rufipes* n. sp. Chili. **Kieffer**, J. J. *l.c.* (144–145, pl. V, figs. 2–4).

Rhabdepyris haemorrhoidalis n. sp. Texas. **Kieffer**, J. J. Ark. Zool., Stockholm, **1**, 1904, (528–529).

Scelio nn. spp. Texas. **Kieffer**, J. J. *l.c.* (530–532).

Tanynotus n. gen., *T. rufithorax* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Alban. Mus., **1**, 1904, (140–141).

Telenomus, Parthenogenese. **Wassiliew**, J. W. Zool. Anz., Leipzig, **27**, 1904, (578–579); *T. catacanthae* n. sp. Philippines. **Ashmead**, W. H. Canad. Ent., Toronto, **36**, 1904, (284); *T. fimbriatus* n. sp. Wisconsin. **Kieffer**, J. J. Ark. Zool., Stockholm, **1**, 1904, (539).

Trissacantha striaticeps n. sp. Texas. **Kieffer**, J. J. *l.c.* (535–536).

CHALCIDIDAE.

Special.

Acanthometopon n. gen., type *A. clavicornis* Ashm, *A. clavicorne* n. sp. S. America. **Ashmead**, W. H. Pittsburg, Pa., Mem. Carnegie Mus., **1**, 1904, (493, pl. XXXVIII, fig. 3).

Acroclisis brasiliensis n. sp. South America. **Ashmead**, W. H. *l.c.* (502).

Alloderma n. gen., type *A. maculipennis* Ashm. S. America. **Ashmead**, W. H. *l.c.* (273).

Alophus n. gen., type *A. flavus* Ashm., *A. brasiliensis* n. sp. S. America. **Ashmead**, W. H. *l.c.* (353, 520).

Ametallon n. gen., type *A. chapadae* n. sp. S. America. **Ashmead**, W. H. *l.c.* (344, 511).

Anastatus nn. spp. South America. **Ashmead**, W. H. *l.c.* (493–495).

Aphidencyrtus brasiliensis n. sp. South America. **Ashmead**, W. H. *l.c.* (497).

Aphobetoideus n. gen., type *A. comperei* Ashm. S. America. **Ashmead**, W. H. *l.c.* (328).

Apocryptophagus n. gen., type *Chalcis* (?) *explorator* Coquerel. **Ashmead**, W. H. *l.c.* (238).

Ardalus howardii n. sp. South America. **Ashmead**, W. H. *l.c.* (517).

Axima nn. spp. S. America. **Ashmead**, W. H. *l.c.* (459).

Aximogastra n. gen., type *A. bahiae* n. sp. South America. **Ashmead**, W. H. *l.c.* (261, 463, pl. XXXIII, fig. 5).

Aximopsis n. gen., type *A. morio* n. sp. South America. **Ashmead**, W. H. *l.c.* (259, 460, pl. XXXII, fig. 6).

Bephrata striatipes n. sp. South America. **Ashmead**, W. H. *l.c.* (462, pl. XXXIII, fig. 4).

Blatticida n. gen., type *B. pulchra* Ashm. S. America. **Ashmead**, W. H. *l.c.* (305).

Bothriothorax brasiliensis n. sp. South America. **Ashmead,** W. H. *l.c.* (496).

Brachycaudonia n. gen., type *B. californica* Ashm. S. America. **Ashmead,** W. H. *l.c.* (283).

Brasema fuscipennis n. sp. South America. **Ashmead,** W. H. *l.c.* (486).

Bruchobius n. gen., type *B. laticeps* Ashm. S. America. **Ashmead,** W. H. *l.c.* (314).

Bruchophagus funebris, life history. **Titus,** E. S. G. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44,** 1904, (77–80).

Cecidoxenus n. gen., type *C. nigrocyaneus* Ashm. S. America. **Ashmead,** W. H. Pittsburg, Pa., Mem. Carnegie Mus., **1,** 1904, (274).

Ceratosmicra n. gen., type *C. petiolata* Ashm. S. America. **Ashmead,** W. H. *l.c.* (251).

Chalcedectes annulipes n. sp. South America. **Ashmead,** W. H. *l.c.* (483, pl. XXXVI, fig. 2).

Chryseida aeneiventris n. sp. South America. **Ashmead,** W. H. *l.c.* (462, pl. XXXIII, fig. 3).

Chrysoatomus n. gen., type *C. zealandicus* Ashm. S. America. **Ashmead,** W. H. *l.c.* (342).

Chrysonotomyia n. gen., type *Eulophus auripunctatus* Ashm. S. America. **Ashmead,** W. H. *l.c.* (344).

Cirrospiloideus n. gen., type *Miotropis platynotae* Howard. S. America. **Ashmead,** W. H. *l.c.* (354).

Coelochalcis n. gen. near *Halticella, C. carinifrons* n. sp. Sikkim. **Cameron,** P. Entomologist, London, **1904,** (111).

Comys infelix, anatomy and metamorphosis, eggs **Embleton,** A. L. London, Trans. Linn. Soc., (Ser. 2), **9,** 1904, (231–254, pls. XI, XII); *C. karakurti* n. sp. **Rossikov,** R. N. Trd. B. entom. Učen. Kom. M. Zeml., St. Peterburg, **5,** No. 2, 1904, (1–232).

Decatomothorax n. gen., type *D. gallicola* Ashm. S. America. **Ashmead,** W. H. Pittsburgh, Pa., Mem. Carnegie Mus., **1,** 1904, (273).

Diaulomorpha n. gen., type *D. australiensis* Ashm. S. America. **Ashmead,** W. H. *l.c.* (356).

Diaulus n. gen., type *D. begini* Ashm. S. America. **Ashmead,** W. H. *l.c.* (356).

Dicoelothorax platycerus n. sp. South America. **Ashmead,** W. H. *l.c.* (470, pl. XXXV, fig. 3).

Diglyphomorpha n. gen., type *Diglyphus maculipennis* Ashm. S. America. **Ashmead,** W. H. *l.c.* (352).

Dimmockia n. gen., type *Eulophus incongruus* Ashm. S. America. **Ashmead,** W. H. *l.c.* (357).

Eiscnia n. gen., type *E. mexicana* Ashm., *E. flaviscapa* n. sp. South America. **Ashmead,** W. H. *l.c.* (233).

Elachertomorpha n. gen., type *E. flaviceps* n. sp. S. America. **Ashmead,** W. H. *l.c.* (352, 518).

Elasmus nn. spp. South America. **Ashmead,** W. H. *l.c.* (502–503).

Encyrtaspis n. gen., type *E. brasiliensis* n. sp. S. America. **Ashmead,** W. H. *l.c.* (290, 492, pl. XXXVII, fig. 4).

Encyrtus kara-kurti n. sp. **Rossikov,** K. N. Trd. B. entom. Učen. Kom. M. Zeml., St. Peterburg, **5,** No. 2, 1904, (1–232); *E. telenomicida* n. sp. **Vassiliev,** I. Rev. russ. ent., Jaroslavlĭ, **4,** 2–3, 1904, (117–118); Trd. B. entom. Ucen. Kom. Zeml., St. Peterburg, **4,** 11, 1904, (72).

Enneasmicra n. gen., type *Smicra eximamius* Walk., *E. corumbensis, E. incerta* nn. spp. S. America. **Ashmead,** W. H. Pittsburgh, Pa., Mem. Carnegie Mus., **1,** 1904, (252, 449).

Epipteromalus n. gen., *E. algonquinensis* Ashm. S. America. **Ashmead,** W. H. *l.c.* (319).

Eulophopteryx n. gen., type *E. chapadae* n. sp. S. America. **Ashmead,** W. H. *l.c.* (341, 506, pl. XXXVIII, fig. 6).

Euophthalmomyia n. gen., type *E. pallidipes* Ashm. S. America. **Ashmead,** W. H. *l.c.* (339).

Eupelmus nn. spp. South America. **Ashmead,** W. H. *l.c.* (488–490).

Euplectrus nn. spp. South America. **Ashmead,** W. H. *l.c.* (516–517).

Euryceranium n. nom. (= *Eurycephalus* Ashm. preoccupied). **Ashmead,** W. H. *l.c.* ([i]–vi + 225–551, with pl.).

Eustypiura n. gen., type, *E. bicolor*, *E. sexmaculata*, *E. smithii* nn. spp. S. America. **Ashmead**, W. H. *l.c.* (251, 412-413, pl. XXXI, figs. 4, 5).

Froggattia n. gen., type *F. polita* Ashm. S. America. **Ashmead**, W. H. *l.c.* (238).

Hemitorymus n. gen., type *H. thoracicus* n. sp. S. America. **Ashmead**, W. H. *l.c.* (243, 401).

Heptasmicra n. gen., type *Smicra obliterata* Walk., *H. affinis*, *H. lineaticoxus*, *H. longicaudata*, *H. persimilis*, *H. quadrimaculata* nn. spp. S. America. **Ashmead**, W. H. *l.c.* (252, 452–453).

Herbertia nn. spp. South America. **Ashmead**, W. H. *l.c.* (474, pl. XXXV, fig 6).

Hexasmicra n. gen., type *Smicra transversa* Walk., *H. brasiliensis*, *H. trinidadensis* nn. spp. S. America. **Ashmead**, W. H. *l.c.* (252, 454).

Holcopeltoideus n. gen., type *H. petiolata* Ashm. S. America. **Ashmead**, W. H. *l.c.* (341).

Hontalia nn. spp. South America. **Ashmead**, W. H. *l.c.* (458, pl. XXXII, figs. 4 and 5).

Hoplocrepis nn. spp. South America. **Ashmead**, W. H. *l.c.* (505, pl. XXXVIII, fig. 5).

Horismenus nn. spp. South America. **Ashmead**, W. H. *l.c.* (507–508).

Hubbardiella n. gen., type *H. arizonensis* Ashm. S. America. **Ashmead**, W. H. *l.c.* (339).

Hypopteromalus n. gen., type *Pteromalus tabacum* Fitch. S. America. **Ashmead**, W. H. *l.c.* (320).

Ischnopsis nn. spp. South America. **Ashmead**, W. H. *l.c.* (487).

Isosomodes nn. spp. South America. **Ashmead**, W. H. *l.c.* (460–461, pl. XXXIII, figs. 1 and 2).

Kapala splendens n. sp. South America. **Ashmead**, W. H. *l.c.* (473, pl. XXXV, fig. 4).

Koebelea n. gen., type *K. australiensis* Ashm. S. America. **Ashmead**, W. H. *l.c.* (238).

Lasiokapala serrata n. sp. South America. **Ashmead**, W. H. *l.c.* (474, pl. XXXV, fig. 5).

Lelaps nn. spp. **Ashmead**, W. H. *l.c.* (479-482, pl. XXXVI, fig. 1).

Leucodesmia flaviceps n. sp. South America. **Ashmead**, W. H. *l.c.* (518).

Leucospis enderleini n. sp. South America. **Ashmead**, W. H. *l.c.* (405, pl. XXXI, fig. 1).

Lophocomus cyaneus n. sp. South America. **Ashmead**, W. H. *l.c.* (506).

Macrorileya n. gen., type *Rileya occanthi* Ashm. S. America. **Ashmead**, W. H. *l.c.* (264).

Megastigmus dorsalis F. Denmark, biological notes. **Nielsen**, J. C. Kjöbenhavn, Ent. Medd., (Ser. 2), **1**, 1904, (234).

Melanosmicra n. gen., type *M. immaculata* n. sp. S. America. **Ashmead**, W. H. Pittsburgh, Pa., Mem. Carnegie Mus., **1**, 1904, (251, 448).

Metadontia nn. spp. S. America. **Ashmead**, W. H. *l.c.* (453–454).

Metopon nn. spp. South America. **Ashmead**, W. H. *l.c.* (497–498).

Mirocerus n. gen., type *M. peyelae* Ashm. S America. **Ashmead**, W. H. *l.c.* (309).

Mischosmicra n. gen., type *M. kahlii* Ashm. S. America. **Ashmead**, W. H. *l.c.* (251).

Mormoniella n. gen., type *M. brevicornis* Ashm. S. America. **Ashmead**, W. H. *l.c.* (316).

Nasonia n. gen., type *N. brevicornis* Ashm. S. America. **Ashmead**, W. H. *l.c.* (317).

Neorileya n. gen., type *N. flavipes* n. sp. S. America. **Ashmead**, W. H. *l.c.* (264, 466, pl. XXXVI, fig. 2).

Nesomyia n. gen., type *N. albipes* Ashm. S. America. **Ashmead**, W. H. *l.c.* (344).

Notanisomorpha n. gen., type *N. collaris* Ashm. S. America. **Ashmead**, W. H. *l.c.* (356).

Octosmicra n. gen., type *O. laticeps* Ashm., *O. nigromaculata*, *O. trimaculata*, nn. spp. South America. **Ashmead**, W. H. *l.c.* (253, 450–451).

Omphale brasiliensis n. sp. South America. **Ashmead**, W. H. *l.c.* (504).

Oncochalcis n. gen., *O. marginata* n. sp. India. **Cameron,** P. Entomologist, London, **1904,** (161–162).

Ormyrus brasiliensis n. sp. South America. **Ashmead,** W. H. Pittsburg, Pa., Mem. Carnegie Mus., **1,** 1901, (401).

Oxycoryphus n. gen., near *Stomatoceras, O. pilosellus* n. sp. Deesa. **Cameron,** P. Entomologist, London, **1904,** (109–110).

Pachycrepoideus n. gen., type *P. dubius* Ashm. S. America. **Ashmead,** W. H. Pittsburg, Pa., Mem. Carnegie Mus., **1,** 1904, (329).

Paracrias n. gen., type *P. laticeps* n. sp. S. America. **Ashmead,** W. H. *l.c.* (343, 510, pl. XXXIX, fig. 1).

Parapteromalus n. gen., type *P. isosomatis* Ashm. S. America. **Ashmead,** W. H. *l.c.* (320).

Parasaphes n. gen., type *P. iceryae* Ashm. S. America. **Ashmead,** W. H. *l.c.* (328).

Paraspalangia n. gen., type *P. annulipes* Ashm. S. America. **Ashmead,** W. H. *l.c.* (334).

Paraterobia n. gen., type *P. nigriceps* Ashm. S. America. **Ashmead,** W. H. *l.c.* (274).

Parencyrtus brasiliensis n. sp. South America. **Ashmead,** W. H. *l.c.* (299).

Pelorotelus n. gen., type *P. coeruleus* n. sp. S. America. **Ashmead,** W. H. *l.c.* (341, 509).

Pentarthron brasiliensis n. sp. South America. **Ashmead,** W. H. *l.c.* (521).

Pentasmicra n. gen., type *P. brasiliensis* Ashm. South America. **Ashmead,** W. H. *l c.* (252).

Perilampus brasiliensis n. sp. South America. **Ashmead,** W. H. *l.c.* (467, pl. XXXIV, fig. 4).

Pheidoloxenus n. gen., type *P. wheeleri* Ashm. S. America. **Ashmead,** W. H. *l.c.* (328).

Phlebopenes nn. spp. South America. **Ashmead,** W. H. *l.c.* (492, pl. XXXVII, fig. 3).

Physothorax mayri n. sp. South America. **Ashmead,** W. H. *l.c.* (400).

Plesiostigmodes n. gen., type *P. brasiliensis* n. sp. S. America. **Ashmead,** W. H. *l.c.* (243, 400).

Podagrion cyaneus n. sp. South America. **Ashmead,** W. H. *l.c.* (402).

Polynema nn. spp. South America. **Ashmead,** W. H. *l.c.* (521).

Prodecatoma n. gen., type *P. flavescens* n. sp.; *P. bruneiventris, P. thoracica, P. nigra* nn. spp. S. America. **Ashmead,** W. H. *l.c.* (261, 463–464, pl. XXXIII, fig. 6).

Pseudochalcis nn. spp. S. America. **Ashmead,** W. H. *l.c.* (407).

Pseudochalcura n. gen., type *Eucharis gibbosa* Provancher. *P. nigrocyanea* n. sp. S. America. **Ashmead,** W. H. *l.c.* (268, 468, pl. XXXIV, fig. 6).

Rileya orbitalis n. sp. South America. **Ashmead,** W. H. *l.c.* (467).

Sayiella n. gen., type *Smicra debilis* Say. S. America. **Ashmead,** W. H. *l.c.* (251).

Schwarzella n. gen., type *S. arizonensis* Ashm. South America. **Ashmead,** W. H. *l.c.* (256).

Scotolinx n. gen., type *S. gallicola* Ashm. S. America. **Ashmead,** W. H. *l.c.* (351).

Scymnophagus n. gen., type *S. townsendi* Ashm. S. America. **Ashmead,** W. H. *l.c.* (319).

Spalangia brasiliensis n. sp. South America. **Ashmead,** W. H. *l.c.* (502).

Spathopus n. gen., type S. *anomalipes* Ashm. S. America. **Ashmead,** W. H. *l.c.* (272).

Spilochalcis nn. spp. South America. **Ashmead,** W. H. *l.c.* (428–447); *S. andrei* n. nom. (= *Smicra flavescens* André). **Ashmead,** W. H. *l.c.* (418).

Stenomesioidea n. gen., type *S. mellea* Ashm. S. America. **Ashmead,** W. H. *l.c.* (355).

Stenomesius dimidiatus n. sp. South America. **Ashmead,** W. H. *l.c.* (519, pl. XXXIX, fig. 3).

Stibula nigriceps n. sp. South America. **Ashmead,** W. H. *l.c.* (468, pl. XXXV, fig. 2).

Stigmatocrepis n. gen., type *S. americana* Ashm. S. America. **Ashmead,** W. H. *l.c.* (273).

Stylophorella n. gen., type *S. perplexa* Ashm. S. America. **Ashmead,** W. H. *l.c.* (275).

Sycoscapterella n. gen., type *Sycoscapter anguliceps* Westw. S. America. **Ashmead,** W. H. *l.c.* (239).

Sycoscapteridea n. gen., type *Sycoscapter monilifer.* S. America. **Ashmead,** W. H. *l.c.* (239).

Sympiesomorpha n. gen., type *S brasiliensis* n. sp., *S. obscura* n. sp. S. America. **Ashmead,** W. H. *l.c.* (352, 519).

Syntomaspis nn. spp. South America. **Ashmead,** W. H. *l.c.* (397–398).

Systolodes brasiliensis n. sp. Chapada. **Ashmead,** W. H. *l.c.* (466).

Tachardiaephagus n. gen., type *T. thoracicus* Ashm. S. America. **Ashmead,** W. H. *l.c.* (303).

Tachinaephagus n. gen., type *T. zealandicus* Ashm. S. America. **Ashmead,** W. H. *l.c.* (304).

Tetranemopteryx n. gen., type *Sycoscapter 4-setosa* Westw. S. America. **Ashmead,** W. H. *l.c.* (239).

Tetrasmicra n. gen., type *Smicra concitata* Walk. S. America. **Ashmead,** W. H. *l.c.* (252).

Tetrastichus nn. spp. South America. **Ashmead,** W. H. *l.c.* (515–516, pl. XXXIX, fig. 2).

Thaumapus acuminatus n. sp. South America. **Ashmead,** W. H. *l.c.* (448).

Thaumatelia pulchripennis n. sp. South America. **Ashmead,** W. H. *l.c.* (406, pl. XXXI, fig. 2).

Torymus nn. spp. South America. **Ashmead,** W. H. *l.c.* (398–399); *T. mesembryanthemi* n. sp. Cape Colony. **Cameron,** P. Grahamstown, Cape Colony, Rec. Albany Mus., **1,** 1904, (109); *T. thomsoni* n. sp. Quebec. **Fyles,** T. W. Canad. Ent., Toronto, **36,** 1904, (106).

Trichencyrtus n. gen., type *T. chapadae* Ashm., *T. robustus* n. sp. S. America. **Ashmead,** W. H. Pittsburg, Pa., Mem. Carnegie Mus., **1,** 1904, (291, 495, pl XXXVII, fig. 5).

Trichoporus nn. spp. South America. **Ashmead,** W. H. *l.c.* (512).

Trigonoderus brasiliensis n. sp. South America. **Ashmead,** W. H. *l.c.* (485, pl. XXXVI, fig. 4).

Trigonogastra n. gen., type *T. aurata* Ashm. S. America. **Ashmead,** W. H. *l.c.* (330).

Trigonura dorsalis n. sp. South America. **Ashmead,** W. H. *l.c.* (406).

Trismicra n. gen., type *Smicra contracta* Walk. South America. **Ashmead,** W. H. *l.c.* (252).

Tropidogastra n. gen., type *T. arizonensis* Ashm. South America. **Ashmead,** W. H. *l.c.* (323).

Uroderostenus n. gen., type *U. pleuralis* Ashm. S. America. **Ashmead,** W. H. *l.c.* (343).

Uroentedon n. gen., type *U. verticellata* n. sp. S. America. **Ashmead,** W. H. *l.c.* (341, 505, pl. XXXVIII, fig. 4).

Westwoodella n. gen., type *Oligosita subfasciata* Westw. S. America. **Ashmead,** W. H. *l.c.* (359).

Xanthoatomus n. gen. S. America. **Ashmead,** W. H. *l.c.* (360).

Xanthomelanus n. gen., type *Chalcis dimidiata* Fabr. S. America. **Ashmead,** W. H. *l.c.* (251).

Zagrammosoma n. nom., type *Hippocephalus multilineata* Ashm. S. America. **Ashmead,** W. H. *l.c.* (354).

Zaommomyia n. gen., type *Chrysocharis stigmata* Ashm. S. America. **Ashmead,** W. H. *l.c.* (340).

ICHNEUMONIDAE.

General.

Berthoumieu, *abbé* P. Supplément aux Ichneumoniens d'Europe. Échange, Lyon, **20,** 1904, (13–15).

——— Hymenoptera, fam. *Ichneumonidae,* sub-fam. Ichneumoninae. *In* : Wytsman, Genera Insectorum, Fasc. **18,** Bruxelles, 1904, (87, with 2 pls.).

Felt, E. P. Synopsis of certain genera of the Ophionini. [With bibliographies.] Albany Univ., N.Y., Bull. St. Mus., No. **76,** 1904, (97–125, with pl.).

Ghigi, A. Imenotteri di Cefalonia raccolti dal dott. Domenico Sangiorgi. Firenze, Boll. Soc. entom., **33,** (1901), (trimestre 3°–4°), 1902, (189–191).

Kokujev, N. Hymenoptera asiatica nova. IV. Rev. russ. ent., Jaroslavlĭ, **4**, 2-3, 1904, (106-108).

Krieger, R. Zur Synonymik der Ichneumoniden. II. Zs. Hymenopter., Teschendorf, **4**, 1904, (172-176).

SPECIAL.

Aconias n. gen., *A. spinitarsis* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (345-346).

Acronus nn. spp. Afrika. **Enderlein**, G. Zool. Anz., Leipzig, **28**, 1904, (65-69).

Algathia n. gen., *A. maculiceps* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **2**, 1902, (392-393); *A.* nn. spp. Khasia Hills. **Cameron**, P. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (222-232).

Allexetastes (*Exetastes*) n. subgen., *E. coreanus*, *E. komarikovi* nn. spp. **Kokujev**, N. Rev. russ. ent., Jaroslavlĭ, **4**, 2-3, 1904, (106-108).

Alystria n. gen., *A. curvilineata* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (340-341).

Amblyjoppa nn. spp. India. **Cameron**, P. *l.c.* **3**, 1903, (179-180).

Amblyteles catagraphus n. sp. China. **Kokujev**, N. Rev. russ. ent., Jaroslavlĭ, **4**, No. 1, 1904, (11-18); *A. kara-kurti* n. sp. **Rossikov**, K. N. Trd. B. entom. Učen. Kom. M. Zeml., St. Peterburg, **5**, No. 2, 1904, (1-232, mit 29 Fig.).

Amesolytus pictus n. sp. N. America. **Fyles**, T. W. Canad. Ent., Toronto, **36**, 1904, (207).

Anisobas tschitscherini n. sp. Transcaucasus. **Kokujev**, N. Rev. russ. ent., Jaroslavlĭ, **4**, 1904, (199).

Apaeleticus brevicornis ♀, *A. inclytus* ♀. **Berthoumieu**, *abbé* V. Echange, Lyon, **20**, 1904, (14).

Barichneumon heracleanae ♂. **Morley**, C. Ent. Mag., London, **40**, 1904, (37).

Bassus laetatorius Fab., a "parasite" of *Aphis persicae-niger*. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1904, (611, fig. 1).

Bellargea n. gen., *B. albomaculata* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **3**, 1903, (15).

(N 2-5658)

Bosmina mandibularis n. sp. India. **Cameron**, P. *l.c.* (338).

Caenocryptus remex Tschek ♀. **Pfannkuch**, K. *l.c.* **4**, 1904, (225).

Campoplex nn. spp. India. **Cameron**, P. *l.c.* **3**, 1903, (339).

Catadelphus dusmeti n. sp. Spain. **Berthoumieu**, V. Madrid, Bol. soc. esp. hist. nat., **4**, 1904, (161-162).

Cidaphurus n. gen., *C. flavomaculatus* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (346).

Coelichneumon derasus var. *pictus* n. var. **Roman**, A. Entomol. Tidskr., Stockholm, **25**, 1904, (115).

Coelojoppa n. gen., *C. cariniscutis* n. sp. Darjeeling. **Cameron**, P. Entomologist, London, **1904**, (163, 208).

Colpomera flava n. sp. Philippines. **Ashmead**, W. H. Canad. Ent., Toronto, **36**, 1904, (284).

Cosmiojoppa n. gen., *C. violaceipennis* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **2**, 1902, (395).

Cratichneumon nn. spp. **Bradley**, J. *l.c.* **4**, 1904, (106-108).

Cryptus spp., *C. curvicauda* Thomson. **Roman**, A. Entomol. Tidskr., Stockholm, **24**, 1903, (77-78, with pl.); *C.* nn. spp. Assam. **Cameron**, P. London, Trans. Ent. Soc., **1904**, (105-106); *C. capensis* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Alban. Mus., **1**, 1904, (142); *C. kara-kurti* n. sp. **Rossikov**, K. N. Trd. B. entom. Učen. Kom. M. Zeml., St. Peterburg, **5**, No. 2, 1904, (1-232).

Cultrarius flavo-balteatus n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **3**, 1903, (342).

Cyanojoppa n. gen., *C. rufofemorata*, *C. coeruleicaudis*, *C. nigrocoerulea* nn. spp. India. **Cameron**, P. *l.c.* **2**, 1902, (398); **3**, 1903, (9-12).

Darpasus n. gen., *D. pilosus* n. sp. India. **Cameron**, P. *l.c.* **4**, 1904, (344).

Darymna n. gen., *D. pleuralis* n. sp. India. **Cameron**, P. *l.c.* (224, 337).

Delopia n. gen., *D. cariniscutis* n. sp. India. **Cameron**, P. *l.c.* **3**, 1903, (304, 337).

Ephialtes tschitscherini n. sp. Ural. **Kokujev**, N. Rev. Russ. Ent., Jaroslavlĭ, **4**, 1904, (200).

Epiurus carpocapsae n. sp. Russia. **Ashmead**, W. H. Canad. Ent., Toronto, **36**, 1904, (102).

Eristicus iridipennis n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Alban. Mus., **1**, 1904, (142).

Etha nn. spp. **Cameron**, P. London, Trans. Ent. Soc., **1904**, (103).

Exetastes nn. spp. Corea. **Kokujev**, N. Rev. Russ. Ent., Jaroslavlĭ, **4**, 1904, (106–108).

Faesula n. gen., *F. maculata* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (338).

Fovaya n. gen., *F. annulicornis* n. sp. India. **Cameron**, P. *l.c.* **3**, 1903, (341–342).

Friona nn. spp. Assam. **Cameron**, P. London, Trans. Ent. Soc., **1904**, (107–109).

Genophion n. gen., *G. coloradensis*, *G. gilletti* nn. spp. Colorado. **Felt**, E. P. Albany, Univ. N.Y., Bull. St. Mus., No. **76**, 1904, (123–124).

Gotra fulvipes n. sp. Assam. **Cameron**, P. London, Trans. Ent. Soc., **1904**, (104).

Gurfyia n. gen., *G. albipilosa* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **3**, 1903, (178–179).

Hadrojoppa n. gen., *H. annulitarsis* n. sp. India. **Cameron**, P. *l.c.* **2**, 1902, (396–397); *H. fumipennis* n. sp. N. India. **Cameron**, P. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (278).

Haliphera flavomaculata n. sp. Darjeeling. **Cameron**, P. Entomologist, London, **1904**, (306).

Hedycryptus n. gen., *H. filicornis* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **3**, 1903, (298–299).

Hedyjoppa n. gen., *H. aurantacea* n. sp. India. **Cameron**, P. *l.c.* **4**, 1904, (219–220).

Hemiteles nn. spp. Assam. **Cameron**, P. London, Trans. Ent. Soc., **1904**, (110–111).

Hyboporus piceus n. sp. **Berthoumieu**, *abbé* V. Echange, Lyon, **20**, 1904, (13–15).

Ichneumon nn. spp. **Berthoumieu**, *abbé* V. Echange, Lyon, **20**, 1904, (13–15); *I.* nn. spp. China. **Kokujev**, N. Rev. russ. ent., Jaroslavlĭ, **4**, No. 1, 1904, (11–18); *I.* nn. spp. Irkutsk. *l.c.* 2–3, 1904, (80–84); *I.* nn. spp. Sibirien. **Roman**, A. Entomol. Tidskr., Stockholm, **25**, 1904, (139–150, with pl.); *I. rubriornatus* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Town, Rec. Alban. Mus., **1**, 1904, (141); *I. amphibolus*, characters, *I. didymus* ♂. **Roman**, A. Entomol. Tidskr., Stockholm, **25**, 1904, (116).

Icyona n. gen., *I. rufipes* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **3**, 1903, (340–341).

Joppoïdes n. gen. for *J. xanthomelas* Tosquinet. **Berthoumieu**, V. *In*: Wytsman's Genera Insectorum, Fasc. **18**, 1904, (23).

Lachmetha n. gen., *L. spinitarsis* n. sp. India. **Cameron**, P. Zs Hymenopter., Teschendorf, **3**, 1903, (182).

Laegula n. gen., *L. annulata* n. sp. India. **Cameron**, P. *l.c.* **4**, 1904, (341–342).

Larciga n. gen., *L. rufofemorata* n. sp. India. **Cameron**, P. *l.c.* **3**, 1903, (13–14).

Larpelites n. gen., *L. ruficollis* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Alban. Mus., **1**, 1904, (144–145).

Limneria africana n. sp. Cape Colony. **Cameron**, P. *l.c.* (175).

Lissonota nn. spp. Cape Colony. **Cameron**, P. *l.c.* (147).

Lodryca n. gen., *M. lineaticeps* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (223).

Lymeria n. gen., *L. violaceipennis* n. sp. India. **Cameron**, P. *l.c.* (220–221).

Mesostenus nn. spp. Assam. **Cameron**, P. London, Trans. Ent. Soc., **1904**, (112–119); *M. oneili* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Alban. Mus., **1**, 1904, (143).

Metopius erythropus n. sp. Cape Colony. **Cameron**, P. *l.c.* (148).

Microplitis kara-kurti n. sp. **Rossikov**, K. N. Trd. B. entom. Učen. Kom. M. Zeml., St. Peterburg, **5**, No. 2, 1904, (1–232).

Miojoppa n. gen., *M. rufa* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **2**, 1902, (392).

Odontojoppa n. gen., *O. metallica* n. sp. India. **Cameron**, P. *l.c.* **3**, 1903, (16, 177).

Ogulnia n. gen., *O. fuscitarsis* n. sp. India. **Cameron**, P. *l.c.* **4**, 1904, (343).

Oneilella n. gen. = *Cryptus formus* Brullé. **Cameron**, P. *l.c.* (190–191).

Ophion nn. spp. Colorado and New York. **Felt**, E. P. Albany Univ., N.Y., Bull. St. Mus., No. **76**, 1904, (121–122, with pl.).

Ophiononeura n. gen., *O. flavomaculata* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (174).

Pagarenes n. gen., *P. erythropus* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **3**, 1903, (183–184).

Perelissus kara-kurti n. sp. **Rossikov**, K. N. Trd. B. entom, Učen. Kom. M. Zeml., St. Peterburg, **5**, No. 2, 1904, (1–232, mit 29 Fig.).

Pezomachus nn. spp. **Rossikov**, K. N. *l.c.* (1–232, mit 29 Fig., 4 Taf. u. 1 Karte).

Pheogenes nn. spp. **Berthoumieu**, *abbé* V. Echange, Lyon, **20**, 1904, (13–15).

Phygadeuon nn. spp. Assam. **Cameron**, P. London, Trans. Ent. Soc., **1904**, (119–121).

Pimpla nn. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (145–149); *P. kara-kurti* n. sp. **Rossikov**, K. N. Trd. B. entom. Učen. Kom. M. Zeml., St. Peterburg, **5**, No. 2, 1904, (1–232, mit 29 Fig., 4 Taf. u. 1 Karte).

Pisonopsis anomala n. sp. Patagonia. **Mantero**, G. Firenze, Boll. Soc. entom., **33**, (1901), trimestre 3–4, 1902, (197–203).

Platylabus nn. spp. **Berthoumieu**, *abbé* V. Echange, Lyon, **20**, 1904, (13–15).

Plesiocryptus n. gen., *P. carinifrons* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **3**, 1903, (299–300).

Pristomerus schreineri n. sp. Russia. **Ashmead**, W. H. Canad. Ent., Toronto, **36**, 1904, (101).

Shalisha n. gen., *S. fulvipes* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (221–222).

Spilojoppa n. gen., *S. fulvipes* n. sp. Darjiling. **Cameron**, P. Entomologist, London, **1904**, (208–209).

Spilopimpla n. gen., *S. rufithorax* n. sp. S. Africa. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (143–144).

Stigmus patagonicus n. sp. Santa Cruz. **Mantero**, G. Firenze, Boll. Soc. entom., **33**, (1901), trimestre 3–4, 1902, (197–203).

Suvalta n. gen., *S. laevifrons*, *S. rugifrons* nn. spp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **3**, 1903, (301–302); *S.* nn. spp. Khasia Hills. **Cameron**, P. Ann. Mag. Nat. Hist., London, (Ser. 7), **13**, 1904, (220–221).

Tanyjoppa n. gen., *T. sanguineoplagiata* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (217–218).

Temelucha plutellae n. sp. Russia. **Ashmead**, W. H. Canad. Ent., Toronto, **36**, 1904, (101–102).

Thascia n. gen., *T. pilosa* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (339).

Thymaris slingerlandana, N. York, from *Polychrosis*. **Ashmead**, W. H. Canad. Ent., Toronto, **36**, 1904, (333).

Trichomma nn. spp. **Krieger**, R. Zs. Hymenopter., Teschendorf, **4**, 1904, (162–172).

Trichopimpla n. gen., *T. pilosa* n. sp. India. **Cameron**, P. *l.c.* **3**, 1903, (303–304).

Triptognathus n. gen. for *T. uniguttatus*, Gravenhorst. **Berthoumieu**, V. *In* : Wytsman's Genera Insectorum, fasc. **18**, 1904, (49).

Tropistes rufipes Kriechb. und die systematische Stellung der Gattung *Tropistes* Grav. **Roman**, A. Zs. Hymenopter., Teschendorf, **4**, 1904, (214–217).

Umlina flexilis n. sp. Assam. **Cameron**, P. London, Trans. Ent. Soc., **1904**, (107).

BRACONIDAE.

General.

Szépligeti, G. Hymenoptera, fam. *Braconidae* (Première partie). *In*: Wytsman, Genera Insectorum, fasc. **22**[a] and **22**[b], 1904, (1–253, with 3 pls.).

Special.

Acanthobracon nigromaculata n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Alban. Mus., **1**, 1904, (155).

Agathis caudata n. sp. ♀ Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (195–196); *A. rufoplagiata* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (5).

Apanteles nn. spp. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (173).

Atanycolus signatus n. sp. **Szépligeti**, G. Math.-natw. Ber. Ungarn, Leipzig, **19**, (1901), 1904, (145–203).

Baryproctus hungaricus n. sp. **Szépligeti**, G. *l.c.* (145–203).

Binarea spinicollis, Brullé, Beschreibung. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (189–190).

Bracon nn. spp. **Szépligeti**, G. Math.-Natw. Ber. Ungarn, Leipzig, **19**, (1901), 1904, (145–203); *B.* Fabr., synoptische Übersicht der von mir bekannten Arten; nn. spp. Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (182–187); *B. dalla-torrei* n. nom (= *thomsoni* D. T.). **Szépligeti**, G. Math.-Natw. Ber. Ungarn, Leipzig, **19**, (1901), 1904, (145–203); *B. marschalli* n. nom (= *obscurator* Marsh). **Szépligeti**, G. *l.c.* (145–203); *B. marshalli* n. sp. **Vayssière**, A. Paris, Bul. soc. ent., **1902**, (279–280); *B. marshalli* n. sp. Marseille. **Vayssière** et **Gerber**. Paris, C.-R. ass. franç. avanc. sci., **31**, (Montauban, 1902), 2[e] partie, 1903, (641–645); *B. tschitscherini* n. sp. Transcaspian. **Kokujev**, N. Rev. Russ. Ent., Jaroslavlĭ, **4**, 1904, (213).

Braunsia, Revision der Gattung; nn. spp. **Enderlein**, G. Zool. Jahrb., Jena, Abt. f. Syst., **20**, 1904, (429–452).

Brulleia n. gen., *B. melanocephala* n. sp. Nova Guinea. **Szépligeti**, G. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (150).

Cardiochiles eremita n. sp. Transcaspian. **Kokujev**, N. Rev. Russ. Ent., Jaroslavlĭ, **4**, 1904, (215).

Celiestiella n. gen., *C. testaceipes* n. sp. India. **Cameron**, P. Zs. Hymenopter., Teschendorf, **3**, 1903. (343–344).

Cenocoelius peruanus n. sp. ♂. Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (196).

Cervellus n. nom. to replace *Cervulus*. **Szépligeti**, G. *In*: Wytsman, Gen. Insectorum, fasc. **23**, 1904, (253).

Cervulus n. gen., *C. denticornis* n. sp. Peru. **Szépligeti**, V. *l.c.* fasc. **22**, 1904, (20).

Chelonus robertianus n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (110); *C. sobrinus* n. sp. ♂. Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (194–195).

Cystomastax n. gen., *C. macrocentroides* n. sp. Peru. **Szépligeti**, G. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (81).

Ephedrus persicae n. sp., a "parasite" of *Aphis persicae-niger*. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1904, (611, fig. 6).

Euagathis peruensis Szépl. ♀, Beschreibung; *E. pulcher* ♀ n. sp. Süd-America. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (195).

Euvipio n. gen., *E. rufa* n. sp. Sierra-Leone. **Szépligeti**, V. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (14–15).

Exothecus nn. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (166-167); *E. tibialis* n. sp. Cape Colony. **Cameron**, P. *l.c.* (156).

Foenomorpha n. gen., *F. bicolor* n. sp. Peru. **Szépligeti**, G. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (8–9).

Habrobracon nn. spp. **Szépligeti**, G. Math.-natw. Bern. Ungarn, Leipzig, **19**, (1901), 1904, (145–203).

Idiolexis v. *Phaenocarpa*.

Iphiaulax nn. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (164–165); *I.* nn. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (149–155); *I. ferus* Szépl., *I. varicolor* Szépl., *I. curticaudis* Szépl., *I. conformis* Szépl, faunistisch; nn. spp. Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (172–182); *I. traegardhi* n. sp. Sudan. **Szépligeti**, G. & **Morice**, F. D. *In*: Jägerskiöld, L. A. Res. exped. Egypt, Uppsala, 1904, Pt. 1, (10–11).

Ischiogonus philippinensis n. sp. Manila. **Ashmead**, W. H. Canad. Ent., Toronto, **36**, 1904, (285).

Lisitheria n. gen. *Agathidinae*, *L. nigricornis* n. sp. India. **Cameron**, P. Entomologist, London, **1904**, (306).

Macrostomion peruvianum n. sp ♀. Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (193–194).

Megacentrus n. gen., *M. concolor* n. sp. Kilima Ndjaro. **Szépligeti**, G. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (145–146).

Megalommum flavomaculatum n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (157).

Megaproctus Brull., synoptische Übersicht der Arten; nn. spp. Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (190–193).

Megarhogas n. gen., *M. longipes*, *M. minor* nn. spp. Celebes. **Szépligeti**, G. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (83–84).

Mesoagathis n. gen., *M. fuscipennis* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (172).

Meteorus eumenidis n. sp. Argentina. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (53-55).

Microcentrus n. gen. for *M. similis*. **Szépligeti**, V. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (155).

Microdus bipustulatus n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (158).

Monarea n. gen. for *M. fasciipennis*. **Szépligeti**, G. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (68-69); *M. tripartita* Brüll. ♀ ♂, Beschreibung. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (189).

Neorhyssa nn. spp. Süd-Amerika. **Szépligeti**, G. *l.c.* (187–188).

Opius pedestris n. sp. ♀ ♂. Süd-Amerika. **Szépligeti**, G. *l.c.* (196–197).

Phaenocarpa (*Idiolexis*) *coxalis* n. sp. ♀. Süd-Amerika. **Szépligeti**, G. *l.c.* (197).

Pseudobracon n. gen., *P. africanus* n. sp. Sierra Leone. **Szépligeti**, G. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (48–49).

Pseudovipio nn. spp. **Szépligeti**, G. Math.-natw. Ber. Ungarn, Leipzig, **19**, (1901), 1904, (145–203).

Rhogas nn. spp. Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus., Nat. Hung., Budapest, **2**, 1904, (194).

Schletteriella n. gen. for *S. oncophorus*. **Szépligeti**, G. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (54).

Schönlandella n. gen., *S. nigricollis*, *S. nigromaculata*, *S. trimaculata* nn. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (169).

Sigalphus nn. spp., *S. ivanovi* n. nom. (= *brevicornis* Ivan). **Szépligeti**, G. Math.-natw. Ber. Ungarn, Leipzig, **19**, (1901), 1904, (145–203).

Systasis encyrtoides, contributo alla biologia. **Ghigi**, A. Firenze, Boll. Soc. entom., **33**, (1901), (trimestre 3°–4°), 1902, (192–196, con 3 fig.).

Trichiobracon nn. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (169).

Vipio nn. spp. Siberia. **Kokujev**, N. Rev. Russ. Ent., Jaroslavlĭ, **4**, 1904, (213–214).

Westwoodiella n. gen., *W. bicolor* n. sp. Australia. **Szépligeti**, G. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (155).

Xanthomicrodus n. gen., *X. iridipennis* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (157).

EVANIIDAE.

Aulacinus costulatus n. sp. Brasilien. **Kieffer**, J. J. Ark. Zool., Stockholm, **1**, 1904, (561–562).

Aulacus erythrogaster n. sp. Nevada. **Kieffer**, J. J. *l.c.* (561).

Evania nn. spp. **Kieffer**, J. J. *l.c.* (543–551).

Gasteruption nn. spp. **Kieffer**, J. J. *l.c.* (552–559); *G. dunbrodyense* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (159).

Hyptia nn. spp. **Kieffer**, J. J. Ark. Zool., Stockholm, **1**, 1904, (540–543).

Hyptiogaster n. gen. **Kieffer**, J. J. Paris, Bul. soc. ent., **1903**, (93–95).

Pristaulacus nn. spp. **Kieffer**, J. J. Ark. Zool., Stockholm, **1**, 1904, (559–561); *P. flavoguttatus* n. sp. Australia. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (191–192).

CYNIPIDAE.

General.

Ashmead, W. H. [Review of] Monographie des Cynipides d'Europe et d'Algérie. Par l'Abbé J. J. Kieffer. Tome Premièr. Psyche, Cambridge, Mass., **10**, 1903, (43–46).

———— Classification of the gall-wasps and the parasitic Cynipoids or the superfamily Cynipoidea. I. *l.c.* (7–13, 59–73, 140–155, 210–216).

Gerber. Sur une hyménoptérocécidie. Paris, Bul. soc. ent., **1903**, (56).

Special.

Anacharoides n. gen., *A. striaticeps* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (160).

Botrochacis n. gen., *B. erythropoda* n. sp. Cape Colony. **Cameron**, P. *l.c.* (163–164).

Cynips theophrastea n. sp. **Trotter**, A. Roma, Rend. Acc. Lincei, Classe di sc. fisiche, (Ser. 5), **11**, (1° semestre), 1902, (254–257).

Dieucoela n. gen., type *D. subopaca*. **Ashmead**, W. H. Psyche, Cambridge, Mass., **10**, 1903, (65).

Fiorella n. nom. = *Fioria* Brol. **Kieffer**, J. J. Paris, Bul. soc. ent., **1903**, (95).

Fioria n. gen. **Kieffer**, J. J. *l.c.* (31).

Hypodiranchis aphidae n. sp. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1904, (612, fig. 7).

Kiefferia n. gen., type *K. rugosa*. **Ashmead**, W. H. Psyche, Cambridge, Mass., **10**, 1903, (10).

Kiefferiella n. nom. (= *Kiefferia* Ashmead). **Ashmead**, W. H. Philadelphia, Pa., Ent. News Acad. Nat. Sci., **14**, 1903, (159).

Liebelia n. gen. **Kieffer**, J. J. Paris, Bul. soc. ent., **1903**, (31).

Oberthürella tibialis n. sp. Kamerun. **Kieffer**, J. J. Entomol. Tidskr., Stockholm, **25**, 1904, (107–110).

Odonteucoila n. gen., type *O. chapadae*. **Ashmead**, W. H. Psyche, Cambridge, Mass., **10**, 1903, (64).

Paraulax n. gen., *P. perplexus* n. sp. **Kieffer**, J. J. Rev. chilena, Valparaiso, **8**, 1904, (43-44).

Promiomoera n. gen., type *P. filicornis*. **Ashmead**, W. H. Psyche, Cambridge, Mass., **10**, 1903, (63).

Pseudaulax n. gen., type *Cynips hieracii* Löw. **Ashmead**, W. H. *l.c.* (213).

Pseudoeucoila n. gen. = *Eucoila* Auctore, type *Cothonaspis, trichopsila* Hartig. **Ashmead**, W. H. *l.c.* (66).

Synergus incrassatus Htg, *S. heyaneus* Htg, *S. rugulosus* Htg, Danish species biological notes. **Nielsen**, T. C. Kjöbenhavn, Ent. Medd., (Ser. 2), **1**, 1904, (234).

Synophromorpha n. gen., type *S. salicis*. **Ashmead**, W. H. Psyche, Cambridge, Mass., **10**, 1903, (145).

Tetraplasta n. gen., type *T. unica*. **Ashmead**, W. H. *l.c.* (7-13, 59-73, 140-155, 210-216).

Trissodontaspis n. gen., type *T. rufipes*. **Ashmead**, W. H. *l.c.* (65).

Tropideucoela n. gen., type *T. rufipes*. **Ashmead**, W. H. *l.c.* (61).

Zaeucoela n. gen., type *Z. unicarinata*. **Ashmead**, W. H. *l.c.* (66).

Zamischus n. gen., type *Z. brasiliensis*. **Ashmead**, W. H. *l.c.* (60).

SESSILIVENTRES.

Carpentier, L. Sur quelques larves de Chalastrogastra. Zs. Hymenopter., Teschendorf, **4**, 1904, (46-47).

SIRICIDAE.

Janus compressus Fb., Lebensgewohnheit. **Jablonowszki**, J. Rovart. L., Budapest, **11**, 1904, (67-72, 89-94).

Paururus pinicola ♂, characters; 2 nn. spp. **Ashmead**, W. H. Canad. Ent., Toronto, **36**, 1904, (64).

Sirex nn. spp. N. America. **Ashmead**, W. H. *l.c.* (63).

Syrista nn. spp. **Mocsáry**, A. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (496).

Tremex atratus n. sp. **Mocsáry**, A. *l.c.* (498).

Xiphydria nn. spp. **Mocsáry**, A. *l.c.* (497).

ORYSSIDAE.

Ophrynopus schauinslandi n. sp. Chatham Is. **Ashmead**, W. H. Psyche, Cambridge, Mass., **10**, 1903, (73).

TENTHREDINIDAE.

General.

Elfving, K. O. Über die in Finland vorkommenden Lophyrinen. (Schwedisch) Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (134-136).

Kincaid, T. The Tenthredinoidea of the expedition. [Reprinted from Washington, D.C., Proc. Acad. Sci., **2**, 1900, (341-346).] Alaska (Harriman Expedition), New York, **9**, 1904, (79-105).

Morice, F. D. Notes on British *Tenthredinidae* continued. Ent. Mag., London, **40**, 1904, (33-35, 49-51, 127-130. 174-176).

Special.

Allantus heraclei n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79-105).

Amauronematus nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (260-261); *A. isolatus* n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79-105).

Arge nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (237-238).

Athalia leucostoma n. sp. India. **Cameron**, P. *l.c.* (108).

Bactroceros sitkensis n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79-105).

Cimbex, Sägewerkzeuge. (Holländisch). **Bisschop van Tuinen**, K. 's Gravenhage, Tijdschr. Ent., **47**, 1904, (177-180, mit 2 Taf.); *C. fagi*, Lebensgeschichte. (Holländisch) **Rossum**, A. J. van. *l.c.* (69-98, mit 3 Taf.).

Clarellaria nn. spp. **Mocsáry**, A. Zs. Hymenopter., Teschendorf, **4**, 1904, (350-352).

Distega n. gen., *D. sjöstedti* n. sp. **Konow**, F. W. *l.c.* (244–255).

Dolerus elderi n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Emphytus angustus n. sp. Alaska. **Kincaid**, T. *l.c.* (19–105); *E. gillettei*, description. **Johnson**, S. A. Agric. Exp. Sta., Colorado, Fort Collins, Rep., **1902**, (113–114, with 1 pl.); [review] Washington, D.C., U. S. Dept. Agric. Off. Exp. Sta. Rec., **14**, 1903, (1092–1093).

Erythraspides ashmeadii n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Euura insularis n. sp. Alaska. **Kincaid**, T. *l.c.* (79–105).

Fenusa alaskana n. sp. Alaska. **Kincaid**, T. *l.c.* (79–105).

Labidarge nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (233–236).

Lagium n. gen. = *Tenthredo atroviolaceum* Noet. **Konow**, F. W. *l.c.* (246).

Lyda hypotrophica Htg, Beobachtungen. **Baer**, W. Tharander forstl. Jahrb., **53**, 1903, (171–208, mit 4 Taf.).

Lygaeonematus, Revision der Gattung, nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (193–208, 248–259).

Macrophya nn. spp. **Konow**, F. W. *l.c.* (266–267).

Megalodontes nn. spp. **Konow**, F. W. *l.c.* (226–229).

Monophadnus insularis n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Monostegia antipoda, validity of the species. **Kirby**, W. F. Entomologist, London, **1904**, (84).

Nematus abietinus Chr., Beobachtungen. **Baer**, W. Tharander forstl. Jahrb., **53**, 1903, (171–208, mit 4 Taf.); *N. erichsonii* Htg. in Finland. **Elfving**, K. O. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (30–31); *N. ribesii*, parthenogenesis. **Doncaster**, L. Cambridge, Proc. Phil. Soc., **12**, 1904, (474–476); *N. wesmaëli* Tischb. neu für Finland und Skandinavien. **Elfving**, K. O. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (84–85).

Pachynematus, Revision der Gattung, nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (25–32, 145–161); *P.* nn. spp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Paraselandria rufigastra n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Periclista mutabilis n. sp. Texas. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (241).

Pontania nn. spp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105); *P.* nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (230).

Poppia n. gen., (~ *Phyllotoma*), *P. athalioides* n. sp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (263).

Pristiphora nn. spp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Pteronus nn. spp. Alaska. **Kincaid**, T. *l.c.* (79–105); *P.* nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (262).

Ptilia lauta n. sp. Costa Rica. **Konow**, F. W. *l.c.* (239).

Rhadinoceraea micans Klug; a new British saw-fly. **Morice**, F. D. Ent. Mag., London, **40**, 1904, (99).

Schizocera cylindricornis Thoms. in Finland. **Krogerus**, R. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (29–30).

Strongylogaster macula Kl. neu für die finnische Fauna. **Forsius**, R *l.c.* (63).

Tenthredo nn. spp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Tenthredopsis nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (266–267).

Tomostethus kirbyi n. sp. Mexico. **Konow**, F. W. *l.c.* (241).

Trichiosoma betuleti Kl. neu für die finnische Fauna. **Forsius**, R. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (63).

Waldheimia nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (243–244).

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ACANTHOBRACON [Braconidae].
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Acanthometopon n. gen. [Chalcididae]. Ashmead. 17.
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——— *sjöstedti.* Tullgren. 268.

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——— *ecuadorius.* Friese. 131.
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——— *cara*. Nurse. 214.
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——— *collata*. Nurse. 214.
——— *compactiscopa*. Viereck. 280.
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——— *decussatula*. Viereck. 280.
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——— *inoa*. Cameron. 55.
——— *junonia*. Viereck. 280.
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Coelochalcis n. gen. [Chalcididae]. Cameron. 55.
——— *carinifrons*. Cameron. 55.

Coelojoppa n. gen. [Ichneumonidae]. Cameron. 55.
——— *cariniscutis*. Cameron. 55.

Tropistes rufipes Kriechb. und die systematische Stellung der Gattung *Tropistes* Grav. **Roman,** A. Zs. Hymenopter., Teschendorf, **4,** 1904, (214–217).

Umlina flexilis n. sp. Assam. **Cameron,** P. London, Trans. Ent. Soc., **1904,** (107).

BRACONIDAE.

General.

Szépligeti, G. Hymenoptera, fam. *Braconidae* (Première partie). *In*: Wytsman, Genera Insectorum, fasc. **22**[a] and **22**[b], 1904, (1–253, with 3 pls.).

Special.

Acanthobracon nigromaculata n. sp. Cape Colony. **Cameron,** P. Graham's Town, Cape Colony, Rec. Alban. Mus., **1,** 1904, (155).

Agathis caudata n. sp. ♀ Süd-Amerika. **Szépligeti,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (195–196); *A. rufoplagiata* n. sp. India. **Cameron,** P. Zs. Hymenopter., Teschendorf, **4,** 1904, (5).

Apanteles nn. spp. **Cameron,** P. Graham's Town, Cape Colony, Rec. Albany Mus., **1,** 1904, (173).

Atanycolus signatus n. sp. **Szépligeti,** G. Math.-natw. Ber. Ungarn, Leipzig, **19,** (1901), 1904, (145–203).

Baryproctus hungaricus n. sp. **Szépligeti,** G. *l.c.* (145–203).

Binarea spinicollis, Brullé, Beschreibung. **Szépligeti,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (189–190).

Bracon nn. spp. **Szépligeti,** G. Math.-Natw. Ber. Ungarn, Leipzig, **19,** (1901), 1904, (145–203); *B.* Fabr., synoptische Übersicht der von mir bekannten Arten; nn. spp. Süd-Amerika. **Szépligeti,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (182–187); *B. dalla-torrei* n. nom (= *thomsoni* D. T.). **Szépligeti,** G. Math.-Natw. Ber. Ungarn, Leipzig, **19,** (1901), 1904, (145–203); *B. marschalli* n. nom (= *obscurator* Marsh). **Szépligeti,** G. *l.c.* (145–203); *B. marshalli* n. sp. **Vayssière,** A. Paris, Bul. soc. ent., **1902,** (279–280); *B. marshalli* n. sp. Marseille. **Vayssière** et **Gerber.** Paris, C.-R. ass. franç. avanc. sci., **31,** (Montauban, 1902), 2[e] partie, 1903, (641–645); *B. tschitscherini* n. sp. Transcaspian. **Kokujev,** N. Rev. Russ. Ent., Jaroslavlĭ, **4,** 1904, (213).

Braunsia, Revision der Gattung; nn. spp. **Enderlein,** G. Zool. Jahrb., Jena, Abt. f. Syst., **20,** 1904, (429–452).

Brulleia n. gen., *B. melanocephala* n. sp. Nova Guinea. **Szépligeti,** G. *In*: Wytsman, Genera Insectorum, fasc. **22,** 1904, (150).

Cardiochiles eremita n. sp. Transcaspian. **Kokujev,** N. Rev. Russ. Ent., Jaroslavlĭ, **4,** 1904, (215).

Celiestiella n. gen., *C. testaceipes* n. sp. India. **Cameron,** P. Zs. Hymenopter., Teschendorf, **3,** 1903. (343–344).

Cenocoelius peruanus n. sp. ♂. Süd-Amerika. **Szépligeti,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (196).

Cervellus n. nom. to replace *Cervulus.* **Szépligeti,** G. *In*: Wytsman, Gen. Insectorum, fasc. **23,** 1904, (253).

Cervulus n. gen., *C. denticornis* n. sp. Peru. **Szépligeti,** V. *l.c.* fasc. **22,** 1904, (20).

Chelonus robertianus n. sp. Cape Colony. **Cameron,** P. Graham's Town, Cape Colony, Rec. Albany Mus., **1,** 1904, (110); *C. sobrinus* n. sp. ♂. Süd-Amerika. **Szépligeti,** G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (194–195).

Cystomastax n. gen., *C. macrocentroides* n. sp. Peru. **Szépligeti,** G. *In*: Wytsman, Genera Insectorum, fasc. **22,** 1904, (81).

Ephedrus persicae n. sp., a "parasite" of *Aphis persicae-niger*. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1904, (611, fig. 6).

Euagathis peruensis Szépligi. ♀, Beschreibung; *E. pulcher* ♀ n. sp. Süd-America. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (195).

Euvipio n. gen., *E. rufa* n. sp. Sierra-Leone. **Szépligeti**, V. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (14–15).

Exothecus nn. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (166–167); *E. tibialis* n. sp. Cape Colony. **Cameron**, P. *l.c.* (156).

Foenomorpha n. gen., *F. bicolor* n. sp. Peru. **Szépligeti**, G. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (8–9).

Habrobracon nn. spp. **Szépligeti**, G. Math.-natw. Bern. Ungarn, Leipzig, **19**, (1901), 1904, (145–203).

Idiolexis v. *Phaenocarpa*.

Iphiaulax nn. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (164–165); *I.* nn. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (149–155); *I. ferus* Szépligi., *I. variicolor* Szépligi., *I. curticaudis* Szépligi., *I. conformis* Szépligi, faunistisch; nn. spp. Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (172–182); *I. traegardhi* n. sp. Sudan. **Szépligeti**, G. & **Morice**, F. D. *In*: Jägerskiöld, L. A. Res. exped. Egypt, Uppsala, 1904, Pt. 1, (10–11).

Ischiogonus philippinensis n. sp. Manila. **Ashmead**, W. H. Canad. Ent., Toronto, **36**, 1904, (285).

Lisitheria n. gen. *Agathidinae*, *L. nigricornis* n. sp. India. **Cameron**, P. Entomologist, London, **1904**, (306).

Macrostomion peruvianum n. sp ♀. Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (193–194).

Megacentrus n. gen., *M. concolor* n. sp. Kilima Ndjaro. **Szépligeti**, G. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (145–146).

Megalommum flavomaculatum n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (157).

Megaproctus Brull., synoptische Übersicht der Arten; nn. spp. Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (190–193).

Megarhogas n. gen., *M. longipes*, *M. minor* nn. spp. Celebes. **Szépligeti**, G. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (83–84).

Mesoagathis n. gen., *M. fuscipennis* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (172).

Meteorus eumenidis n. sp. Argentina. **Brèthes**, J. Buenos Aires, An. Mus., (Ser. 3), **2**, 1903, (53–55).

Microcentrus n. gen. for *M. similis*. **Szépligeti**, V. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (155).

Microdus bipustulatus n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (158).

Monarea n. gen. for *M. fasciipennis*. **Szépligeti**, G. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (68–69); *M. tripartita* Brüll. ♀ ♂, Beschreibung. **Szépligeti**, G. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (189).

Neorhyssa nn. spp. Süd-Amerika. **Szépligeti**, G. *l.c.* (187–188).

Opius pedestris n. sp. ♀ ♂. Süd-Amerika. **Szépligeti**, G. *l.c.* (196–197).

Phaenocarpa (*Idiolexis*) *coxalis* n. sp. ♀. Süd-Amerika. **Szépligeti**, G. *l.c.* (197).

Pseudobracon n. gen., *P. africanus* n. sp. Sierra Leone. **Szépligeti**, G. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (48–49).

Pseudovipio nn. spp. **Szépligeti**, G. Math.-natw. Ber. Ungarn, Leipzig, **19**, (1901), 1904, (145–203).

Rhogas nn. spp. Süd-Amerika. **Szépligeti**, G. Ann. Hist.-Nat. Mus., Nat. Hung., Budapest, **2**, 1904, (194).

Schletteriella n. gen. for *S. oncophorus*. **Szépligeti**, G. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (54).

Schönlandella n. gen., *S. nigricollis*, *S. nigromaculata*, *S. trimaculata* nn. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (169).

Sigalphus nn. spp., *S. ivanovi* n. nom. (= *brevicornis* Ivan). **Szépligeti**, G. Math.-natw. Ber. Ungarn, Leipzig, **19**, (1901), 1904, (145-203).

Systasis encyrtoides, contributo alla biologia. **Ghigi**, A. Firenze, Boll. Soc. entom., **33**, (1901), (trimestre 3°–4°), 1902, (192–196, con 3 fig.).

Trichiobracon nn. spp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (169).

Vipio nn. spp. Siberia. **Kokujev**, N. Rev. Russ. Ent., Jaroslavlĭ, **4**, 1904, (213 214).

Westwoodiella n. gen., *W. bicolor* n. sp. Australia. **Szépligeti**, G. *In*: Wytsman, Genera Insectorum, fasc. **22**, 1904, (155).

Xanthomicrodus n. gen., *X. iridipennis* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (157).

EVANIIDAE.

Aulacinus costulatus n. sp. Brasilien. **Kieffer**, J. J. Ark. Zool., Stockholm, **1**, 1904, (561–562).

Aulacus erythrogaster n. sp. Nevada. **Kieffer**, J. J. *l.c.* (561).

Evania nn. spp. **Kieffer**, J. J. *l.c.* (543–551).

Gasteruption nn. spp. **Kieffer**, J. J. *l.c.* (552–559); *G. dunbrodyense* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (159).

Hyptia nn. spp. **Kieffer**, J. J. Ark. Zool., Stockholm, **1**, 1904, (540 543).

Hyptiogaster n. gen. **Kieffer**, J. J. Paris, Bul. soc. ent., **1903**, (93-95).

Pristaulacus nn. spp. **Kieffer**, J. J. Ark. Zool., Stockholm, **1**, 1904, (559-561); *P. flavoguttatus* n. sp. Australia. **Cameron**, P. Zs. Hymenopter., Teschendorf, **4**, 1904, (191–192).

CYNIPIDAE.

General.

Ashmead, W. H. [Review of] Monographie des Cynipides d'Europe et d'Algérie. Par l'Abbé J. J. Kieffer. Tome Premièr. Psyche, Cambridge, Mass., **10**, 1903, (43–46).

——— Classification of the gall-wasps and the parasitic Cynipoids or the superfamily Cynipoidea. I. *l.c.* (7–13, 59–73, 140–155, 210–216).

Gerber. Sur une hyménoptérocécidie. Paris, Bul. soc. ent., **1903**, (56).

Special.

Anacharoides n. gen., *A. striaticeps* n. sp. Cape Colony. **Cameron**, P. Graham's Town, Cape Colony, Rec. Albany Mus., **1**, 1904, (160).

Botrochacis n. gen., *B. erythropoda* n. sp. Cape Colony. **Cameron**, P. *l.c.* (163–164).

Cynips theophrastea n. sp. **Trotter**, A. Roma, Rend. Acc. Lincei, Classe di sc. fisiche, (Ser. 5), **11**, (1° semestre), 1902, (254–257).

Dicucoela n. gen., type *D. subopaca*. **Ashmead**, W. H. Psyche, Cambridge, Mass., **10**, 1903, (65).

Fiorella n. nom. = *Fioria* Brol. **Kieffer**, J. J. Paris, Bul. soc. ent., **1903**, (95).

Fioria n. gen. **Kieffer**, J. J. *l.c.* (31).

Hypodiranchis aphidae n. sp. **Froggatt**, W. W. Agric. Gaz., Sydney, N.S.W., **15**, 1904, (612, fig. 7).

Kiefferia n. gen., type *K. rugosa*. **Ashmead**, W. H. Psyche, Cambridge, Mass., **10**, 1903, (10).

Kiefferiella n. nom. (= *Kiefferia* Ashmead). **Ashmead**, W. H. Philadelphia, Pa., Ent. News Acad. Nat. Sci., **14**, 1903, (159).

Liebelia n. gen. **Kieffer**, J. J. Paris, Bul. soc. ent., **1903**, (31).

Oberthürella tibialis n. sp. Kamerun. **Kieffer**, J. J. Entomol. Tidskr., Stockholm, **25**, 1904, (107–110).

Odontencoila n. gen., type *O. chapadae*. **Ashmead**, W. H. Psyche, Cambridge, Mass., **10**, 1903, (64).

Paraulax n. gen., *P. perplexus* n. sp. **Kieffer**, J. J. Rev. chilena, Valparaiso, **8**, 1904, (43-44).

Promiomoera n. gen., type *P. filicornis*. **Ashmead**, W. H. Psyche, Cambridge, Mass., **10**, 1903, (63).

Pseudaulax n. gen., type *Cynips hieracii* Löw. **Ashmead**, W. H. *l.c.* (213).

Pseudoeucoila n. gen. = *Eucoila* Auctore, type *Cothonaspis, trichopsila* Hartig. **Ashmead**, W. H. *l.c.* (66).

Synergus incrassatus Htg, *S. heyaneus* Htg, *S. rugulosus* Htg, Danish species biological notes. **Nielsen**, T. C. Kjöbenhavn, Ent. Medd., (Ser. 2), **1**, 1904, (234).

Synophromorpha n. gen., type *S. salicis*. **Ashmead**, W. H. Psyche, Cambridge, Mass., **10**, 1903, (145).

Tetraplasta n. gen., type *T. unica*. **Ashmead**, W. H. *l.c.* (7–13, 59–73, 140–155, 210–216).

Trissodontaspis n. gen., type *T. rufipes*. **Ashmead**, W. H. *l.c.* (65).

Tropideucoela n. gen., type *T. rufipes*. **Ashmead**, W. H. *l.c.* (61).

Zaeucoela n. gen., type *Z. unicarinata*. **Ashmead**, W. H. *l.c.* (66).

Zamischus n. gen., type *Z. brasiliensis*. **Ashmead**, W. H. *l.c.* (60).

SESSILIVENTRES.

Carpentier, L. Sur quelques larves de Chalastrogastra. Zs. Hymenopter., Teschendorf, **4**, 1904, (46–47).

SIRICIDAE.

Janus compressus Fb., Lebensgewohnheit. **Jablonowski**, J. Rovart. L., Budapest, **11**, 1904, (67–72, 89–94).

Paururus pinicola ♂, characters; 2 nn. spp. **Ashmead**, W. H. Canad. Ent., Toronto, **36**, 1904, (64).

Sirex nn. spp. N. America. **Ashmead**, W. H. *l.c.* (63).

Syrista nn. spp. **Mocsáry**, A. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (496).

Tremex atratus n. sp. **Mocsáry**, A. *l.c.* (498).

Xiphydria nn. spp. **Mocsáry**, A. *l.c.* (497).

ORYSSIDAE.

Ophrynopus schauinslandi n. sp. Chatham Is. **Ashmead**, W. H. Psyche, Cambridge, Mass., **10**, 1903, (73).

TENTHREDINIDAE.

General.

Elfving, K. O. Über die in Finland vorkommenden Lophyrinen. (Schwedisch) Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (134–136).

Kincaid, T. The Tenthredinoidea of the expedition. [Reprinted from Washington, D.C., Proc. Acad. Sci., **2**, 1900, (341–346).] Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Morice, F. D. Notes on British *Tenthredinidae* continued. Ent. Mag., London, **40**, 1904, (33–35, 49–51, 127–130. 174–176).

Special.

Allantus heraclei n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Amauronematus nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (260–261); *A. isolatus* n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Arge nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (237–238).

Athalia leucostoma n. sp. India. **Cameron**, P. *l.c.* (108).

Bactroceros sitkensis n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Cimbex, Sägewerkzeuge. (Holländisch). **Bisschop van Tuinen**, K. 's Gravenhage, Tijdschr. Ent., **47**, 1904, (177–180, mit 2 Taf.); *C. fagi*, Lebensgeschichte. (Holländisch) **Rossum**, A. J. van. *l.c.* (69–98, mit 3 Taf.).

Clavellaria nn. spp. **Mocsáry**, A. Zs. Hymenopter., Teschendorf, **4**, 1904, (350–352).

Distega n. gen., *D. sjöstedti* n. sp. **Konow**, F. W. *l.c.* (244–255).

Dolerus elderi n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Emphytus angustus n. sp. Alaska. **Kincaid**, T. *l.c.* (19–105); *E. gillettei*, description. **Johnson**, S. A. Agric. Exp. Sta., Colorado, Fort Collins, Rep., **1902**, (113–114, with 1 pl.); [review] Washington, D.C., U. S. Dept. Agric. Off. Exp. Sta. Rec., **14**, 1903, (1092–1093).

Erythraspides ashmeadii n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Euura insularis n. sp. Alaska. **Kincaid**, T. *l.c.* (79–105).

Fenusa aluskana n. sp. Alaska. **Kincaid**, T. *l.c.* (79–105).

Labidarge nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (233–236).

Lagium n. gen. = *Tenthredo atroviolaceum* Noet. **Konow**, F. W. *l.c.* (246).

Lyda hypotrophica Htg, Beobachtungen. **Baer**, W. Tharander forstl. Jahrb., **53**, 1903, (171–208, mit 4 Taf.).

Lygaeonematus, Revision der Gattung, nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (193–208, 248–259).

Macrophya nn. spp. **Konow**, F. W. *l.c.* (266–267).

Megalodontes nn. spp. **Konow**, F. W. *l.c.* (226–229).

Monophadnus insularis n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Monostegia antipoda, validity of the species. **Kirby**, W. F. Entomologist, London, **1904**, (84).

Nematus abietinus Chr., Beobachtungen. **Baer**, W. Tharander forstl. Jahrb., **53**, 1903, (171–208, mit 4 Taf.); *N. erichsonii* Htg. in Finland. **Elfving**, K. O. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (30–31); *N. ribesii*, parthenogenesis. **Doncaster**, L. Cambridge, Proc. Phil. Soc., **12**, 1904, (474–476); *N. vesmaëli* Tischb. neu für Finland und Skandinavien. **Elfving**, K. O. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (84–85).

Pachynematus, Revision der Gattung, nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (25–32, 145–161); *P.* nn. spp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Paraselandria rufigastra n. sp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Periclista mutabilis n. sp. Texas. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (241).

Pontania nn. spp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105); *P.* nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (230).

Poppia n. gen., (~ *Phyllotoma*), *P. athalioides* n. sp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (263).

Pristiphora nn. spp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Pteronus nn. spp. Alaska. **Kincaid**, T. *l.c.* (79–105); *P.* nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (262).

Ptilia lauta n. sp. Costa Rica. **Konow**, F. W. *l.c.* (239).

Rhadinoceraea micans Klug; a new British saw-fly. **Morice**, F. D. Ent. Mag., London, **40**, 1904, (99).

Schizocera cylindricornis Thoms. in Finland. **Krogerus**, R. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (29–30).

Strongylogaster macula Kl. neu für die finnische Fauna. **Forsius**, R *l.c.* (63).

Tenthredo nn. spp. Alaska. **Kincaid**, T. Alaska (Harriman Expedition), New York, **9**, 1904, (79–105).

Tenthredopsis nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (266–267).

Tomostethus kirbyi n. sp. Mexico. **Konow**, F. W. *l.c.* (241).

Trichiosoma betuleti Kl. neu für die finnische Fauna. **Forsius**, R. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (63).

Waldheimia nn. spp. **Konow**, F. W. Zs. Hymenopter., Teschendorf, **4**, 1904, (243–244).

LIST OF NEW GENERA AND SPECIES.

ACANTHOBRACON [Braconidae].
——— *nigromaculata.* Cameron. 58.

Acanthometopon n. gen. [Chalcididae]. Ashmead. 17.
——— *clavicorne.* Ashmead. 17.

ACANTHOSTICHUS [Formicidae].
——— *texanus.* Forel. 119.

Aconias n. gen. [Ichneumonidae]. Cameron. 67.
——— *spinitarsis.* Cameron. 67.

ACROCLISIS [Chalcididae].
——— *brasiliensis.* Ashmead. 17.

ACRONUS [Ichneumonidae].
——— *auritus.* Enderlein. 113.
——— *niger.* Enderlein. 113.
——— *saliiformis.* Enderlein. 113.

Aelucroides n. gen. [Sphegidae]. Tullgren.
——— *sjöstedti.* Tullgren. 268.

AGAPOSTEMON [Anthophila].
——— *argentinus.* Holmberg. 159.
——— *azarae.* Holmberg. 159.
——— *coryliventris.* Holmberg. 159.
——— *experiendus.* Holmberg. 159.
——— *multicolor.* Holmberg. 159.

AGATHIS [Braconidae].
——— *caudata.* Szépligeti. 264.
——— *rufoplagiata.* Cameron. 60.

AGENIA [Sphegidae].
——— *lynchii.* Holmberg. 159.

ALASTOR [Vespidae].
——— *anomalus.* Brèthes. 42.
——— *arcuatus.* Brèthes. 42.
——— *argentinus.* Brèthes. 42.
——— *elongatus.* Brèthes. 42.
——— *merceti.* Dusmet y Alonso. 102.
——— *persimilis.* Brèthes. 42.
——— *schrottkyi.* Brèthes. 42.

Algathia n. gen. [Ichneumonidae]. Cameron. 60.
——— *cariniscutis.* Cameron. 52.
——— *erythropoda.* Cameron. 52.
——— *femorata.* Cameron. 52.
——— *flavobalteata.* Cameron. 52.
——— *latibalteata.* Cameron. 52.
——— *maculiceps.* Cameron. 60
——— *robusta.* Cameron. 52.

Algathia n. gen. [Ichneumonidae].
——— *rothneyi.* Cameron. 52.
——— *rufipes.* Cameron. 52.
——— *rufopetiolata.* Cameron. 52.
——— *tibialis.* Cameron. 52.
——— *varipes.* Cameron. 52.

ALIANTUS [Tenthredinidae].
——— *heraclei.* Kincaid. 175.

Allexetastes n. subgen. [Ichneumonidae]. Kokujev. 180.

Alloderma n. gen. [Chalcididae]. Ashmead. 17.

Alophus n. gen. [Chalcididae]. Ashmead. 17.
——— *brasiliensis.* Ashmead. 17.

Alystria n. gen. [Ichneumonidae]. Cameron. 67.
——— *curvilineata.* Cameron. 67.

AMAURONEMATUS [Tenthredinidae].
——— *isolatus.* Kincaid. 175.
——— *poppii.* Konow. 185.
——— *spurcus.* Konow. 185.

AMBLYJOPPA [Ichneumonidae].
——— *fuscipennis.* Cameron. 60.
——— *rufipes.* Cameron. 60.

AMBLYTELES [Ichneumonidae].
——— *catagraphus.* Kokujev. 180.
——— *kara-kurti.* Rossikov. 235.

AMESOLYTUS [Ichneumonidae].
——— *pictus.* Fyles. 148.

Ametallon n. gen. [Chalcididae]. Ashmead. 17.
——— *chapadae.* Ashmead. 17.

AMMOBATES [Anthophila].
——— *solitarius.* Nurse. 214.

AMPULEX [Sphegidae].
——— *hellmayri.* Schulz. 251.

Anacharoides n. gen. [Cynipidae]. Cameron. 59.
——— *striaticeps.* Cameron. 59.

ANASTATUS [Chalcididae].
——— *auriceps.* Ashmead. 17.
——— *basalis.* Ashmead. 17.
——— *coreophagus.* Ashmead. 17.
——— *pleuralis.* Ashmead. 17.
——— *punctiventris.* Ashmead. 17.
——— *unifasciatus.* Ashmead. 17.

ANCYLOSCELIS [Anthophila].
——— *duckei.* Friese. 131.
——— *ecuadorius.* Friese. 131.
——— *gigas.* Friese. 131.

Leptothorax [Formicidae].
——— *alpinus*. Ruzskij. 241.
——— *bulgaricus* var. *melleus* n. var. Forel. 127.
——— *unifasciatus* var. *tauricus* n. var. Ruzskij. 241.
——— *yankee* var. *kincaidi* n. var. Pergande. 218.

Leucodesmia [Chalcididae].
——— *flaviceps*. Ashmead. 17.

Leucospis [Chalcididae].
——— *enderleini*. Ashmead. 17.

Liebelia n. gen. [Cynipidae]. Kieffer. 169.

Limneria [Ichneumonidae].
——— *africana*. Cameron. 59.

Liris [Sphegidae].
——— *violaceipennis*. Cameron. 53.

Lisitheria n. gen. [Braconidae]. Cameron. 56.
——— *nigricornis*. Cameron. 56.

Lissonota [Ichneumonidae].
——— *africana*. Cameron. 58.
——— *curvilineata*. Cameron. 58.

Lodryca n. gen. [Ichneumonidae]. Cameron. 67.
——— *lineaticeps*. Cameron. 67.

Lophocomus [Chalcididae].
——— *cyaneus*. Ashmead. 17.

Lygaeonematus [Tenthredinidae].
——— *alpicola*. Konow. 184.
——— *boreus*. Konow. 184.
——— *corpulentus*. Konow. 184.
——— *doebelii*. Konow. 184.
——— *friesei*. Konow. 184.
——— *gerulus*. Konow. 184.
——— *pachyvalvis*. Konow. 184.
——— *paedidus*. Konow. 184.
——— *pallidus*. Konow. 184.

Lynteria n. gen. [Ichneumonidae]. Cameron. 67.
——— *violaceipennis*. Cameron. 67.

Macromischa [Formicidae].
——— *subditiva*. Wheeler. 289.

Macrophya [Tenthredinidae].
——— *annulicornis*. Konow. 185.
——— *hispana*. Konow. 185.

Macrorileya n. gen. [Chalcididae]. Ashmead. 17.

Macrostomion [Braconidae].
——— *peruvianum*. Szépligeti. 264.

Macroteleia [Proctotrupidae].
——— *punctata*. Kieffer. 171.

Macrotera [Anthophila].
——— *secunda*. Cockerell. 79.

Macrovespa n. nom. [Vespidae]. Dalla Torre. 89.

Megacanthopus n. gen. [Vespidae]. Ducke. 101.
——— *alfkenii*. Ducke. 101.
——— *collaris*. Ducke. 101.
——— *imitator*. Ducke. 101.
——— *lecointei*. Ducke. 101.
——— *punctatus*. Ducke. 101.

Megacentrus n. gen. [Braconidae]. Szépligeti. 265.
——— *concolor*. Szépligeti. 265.

Megachile [Anthophila].
——— *aberrans*. Friese. 137.
——— *aricensis*. Friese. 134.
——— *atripes*. Friese. 138.
——— *cariniventris*. Friese. 138.
——— *cornigera*. Friese. 138.
——— *cyanescens*. Friese. 135.
——— *damaraënsis*. Friese. 138.
——— *ecuadoria*. Friese. 134.
——— *emoryi*. Cockerell. 81.
——— *flavescens*. Friese. 138.
——— *fulvohirta*. Friese. 138.
——— *garleppi*. Friese. 134.
——— *impunctata*. Friese. 135.
——— *junodi*. Friese. 135.
——— *kerenensis*. Friese. 135.
——— *khasiana*. Cameron. 52.
——— *latitarsis*. Friese. 138.
——— *malagensis*. Friese. 138.
——— *marshalli*. Friese. 138.
——— *niveofasciata*. Friese. 138.
——— *quadrispinosa*. Friese. 138.
——— *rufohirta*. Friese. 134.
——— *strophostyle*. Robertson. 229.
——— *taprobanae*. Cameron. 60.
——— *triangulifera*. Friese. 138.
——— *volkmanni*. Friese. 135.

Megachilissa [Anthophila].
——— *matutina*. Schrottky. 248.

Megalodontes [Tenthredinidae].
——— *capitalatus*. Konow. 185.
——— *merceti*. Konow. 185.
——— *mundus*. Konow. 185.
——— *nigritegulis*. Konow. 185.

Megalommum [Braconidae].
——— *flavomaculatum*. Cameron. 59.

Megalomyrmex [Formicidae].
——— *emeryi*. Forel. 119.

MEGAPONERA [Formicidae].
——— *dohrni*. Emery. 108.

MEGAPROCTUS [Braconidae].
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——— *bicolor*. Szépligeti. 264.
——— *bifasciatus*. Szépligeti. 264.
——— *fumipennis*. Szépligeti. 264.
——— *fuscipennis*. Szépligeti. 264.
——— *xathostigma*. Szépligeti. 264.

Megarhogas n. gen. [Braconidae]. Szépligeti. 265.
——— *longipes*. Szépligeti. 265.
——— *minor*. Szépligeti. 265.

MELANAPIS [Anthophila].
——— *rufifrons*. Nurse. 214.

Melanosmicra n. gen. [Chalcididae]. Ashmead. 17.
——— *immaculata*. Ashmead. 17.

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——— *interrupta* var. *fallugiae* n. var. Cockerell. 78.
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MELISSODES [Anthophila].
——— *machaerantherae*. Cockerell. 78.

MELISSOPTILA [Anthophila].
——— *bonaërensis*. Holmberg. 159.

MELOPHORUS [Formicidae].
——— *saubcri*. Forel. 125.
——— *valdiviensis*. Forel. 125.

Mesoagathis n. gen. [Braconidae]. Cameron. 59.
——— *fuscipennis*. Cameron. 59.

MESOSTENUS [Ichneumonidae].
——— *brahminus*. Cameron. 50.
——— *caligatus*. Cameron. 50.
——— *clarinervis*. Cameron. 50.
——— *maculiceps*. Cameron. 50.
——— *misippus*. Cameron. 50.
——— *oneili*. Cameron. 58.
——— *respondens*. Cameron. 50.
——— *reticulatus*. Cameron. 50.
——— *salutator*. Cameron. 50.
——— *versatilis*. Cameron. 50.

METADONTIA [Chalcididae].
——— *affinis*. Ashmead. 17.
——— *flavolineata*. Ashmead. 17.
——— *similis*. Ashmead. 17.

METEORUS [Braconidae].
——— *eumenidis*. Brèthes. 41.

METOPIUS [Ichneumonidae].
——— *erythropus*. Cameron. 58.

METOPON [Chalcididae].
——— *brasiliense*. Ashmead. 17.
——— *magniclavatum*. Ashmead. 17.

Microcentrus n. gen. [Braconidae]. Szépligeti. 265.

MICRODUS [Braconidae].
——— *bipustulatus*. Cameron. 59.

MICROPLITIS [Ichneumonidae].
——— *kara-kurti*. Rossikov. 235.

MIMESA [Sphegidae].
——— *palliditarsis*. Saunders. 243.
——— *propinqua*. Kincaid. 176.

Miojoppa n. gen. [Ichneumonidae]. Cameron. 60.
——— *rufa*. Cameron. 60.

Mirocerus n. gen. [Chalcididae]. Ashmead. 17.

Mischosmicra n. gen. [Chalcididae]. Ashmead. 17.

Monarea n. gen. [Braconidae]. Szépligeti. 265.

MONOBIA [Vespidae].
——— *angulosa* var. *cingulata* n. var. Brèthes. 42.
——— *atroruba*. Ducke. 98.

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——— *insularis*. Kincaid. 175.

MONTEZUMIA [Vespidae].
——— *bruchii*. Brèthes. 42.
——— *difficilis*. Ducke. 98.

Mormoniella n. gen. [Chalcididae]. Ashmead. 17.

MUTILLA [Sphegidae].
——— *artaxa*. Cameron. 53.
——— *gnatia*. Cameron. 60.
——— *inoa*. Cameron. 53.
——— *scera*. Cameron. 60.
——— *sordidata*. Tullgren. 268.
——— *tiza*. Cameron. 60.
——— *trebia*. Cameron. 53.
——— *vesta*. Dudgeon. 215.

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——— *viaticus* var. *abyssinicus* n. var. Forel. 127.
——— ——— var. *adenensis* n. var. Forel. 127.

MYRMELACHISTA [Formicidae].
——— *chilensis*. Forel. 121.
——— *rectinota*. Forel. 121.
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Myrmica [Formicidae].
——— *rubra* var. *glacialis* n. var. Forel. 118.
——— ——— var. *tenuispina* n. var. Forel. 127.
——— ——— var. *whymperi* n. var. Forel. 118.
——— *sabuleti* var. *lobifrons* n. var. Pergande. 218.

Nasonia n. gen. [Chalcididae]. Ashmead. 17.

Nectarodiaeta n. gen. [Anthophila]. Holmberg. 159.
——— *oliveirae*. Holmberg. 159.

Neobhyssa [Braconidae].
——— *partita*. Szépligeti. 264.
——— *ruficeps*. Szépligeti. 264.

Neorileya n. gen. [Chalcididae]. Ashmead. 17.
——— *flavipes*. Ashmead. 17.

Nesomyia n. gen. [Chalcididae]. Ashmead. 17.

Nomada [Anthophila].
——— *annexa*. Nurse. 214.
——— *detecta*. Nurse. 214.
——— *frieseana*. Cockerell. 78.
——— *semiscita*. Cockerell. 78.

Nomia [Anthophila].
——— *bahadur*. Nurse. 214.
——— *interrupta*. Cameron. 52.
——— *kangreae*. Nurse. 214.
——— *pilosella*. Cameron. 52.
——— *rothneyi*. Cameron. 52.
——— *rubra*. Friese. 135.
——— *tuberculata*. Cameron. 52.

Nortonia [Vespidae].
——— *bifasciata*. Schulthess. 249.
——— *lugens*. Schulthess. 249.
——— *polybioides*. Schulthess. 249.
——— *steinbachi*. Schulthess. 249.
——— *sulcata*. Ducke. 98.

Notaniscomorpha n. gen. [Chalcididae]. Ashmead. 17.

Nysson [Sphegidae].
——— *alfkeni*. Ducke. 99.
——— *laufferi*. Garcia Mercet. 152.
——— *violaceipennis*. Cameron. 60.

Oberthürella [Cynipidae].
——— *tibialis*. Kieffer. 171.

Ochleroptera n. gen. [Sphegidae]. Holmberg. 159.
——— *oblita*. Holmberg. 159.

Octosmicra n. gen. [Chalcididae]. Ashmead. 17.
——— *nigromaculata*. Ashmead. 17.
——— *trimaculata*. Ashmead. 17.

Odonteucoila n. gen. [Cynipidae]. Ashmead. 14.

Odontojoppa n. gen. [Ichneumonidae]. Cameron. 60.
——— *metallica*. Cameron. 60.

Odontolarra [Sphegidae].
——— *nigra*. Cameron. 60.

Odontomutilla [Sphegidae].
——— *australica*. André. 10.

Odontothynnus n. gen. [Sphegidae]. Cameron. 59.
——— *bidentata*. Cameron. 59.
——— *lacteipennis*. Cameron. 59.

Odynerus [Vespidae].
——— *aberraticus*. Morice. 209.
——— *acuminatus*. Brethes. 42.
——— *ameghinoi*. Brethes. 42.
——— *arechavaletae*. Brethes. 42.
——— *bruchii*. Brethes. 42.
——— *camicrus*. Cameron. 55.
——— *catamarcensis*. Brethes. 42.
——— *cuyanus*. Brethes. 42.
——— *declivus*. Brethes. 42.
——— *eatoni*. Saunders. 245.
——— *falcatus*. Tullgren. 268.
——— *heptagonalis*. Brethes. 42
——— *lynchii*. Brethes. 42.
——— *montevidensis*. Brethes. 42.
——— *patagonus*. Brethes. 42.
——— *punctatus*. Brethes. 42.
——— *rhipheus*. Cameron. 56.
——— *schrottkyi*. Brethes. 42.
——— *subtropicalis*. Brethes. 42.
——— *tytides*. Cameron. 56.

Ogulnia n. gen. [Ichneumonidae]. Cameron. 67.
——— *fuscitarsis*. Cameron. 67.

Omphale [Chalcididae].
——— *brasiliensis*. Ashmead. 17.

Oncochalcis n. gen. [Chalcididae]. Cameron. 55
——— *marginata*. Cameron. 55.

Oneilella n. gen. [Ichneumonidae]. Cameron. 65.

Ophion [Ichneumonidae].
——— *abnormum*. Felt. 116.
——— *ferruginipennis*. Felt. 116.

Ophiononeura n. gen. [Ichneumonidae]. Cameron. 59.
——— *flavomaculata*. Cameron. 59.

Ophrynopus [Oryssidae].
——— *schauinslandi*. Ashmead. 16.

Ophthalmopone [Formicidae].
——— *depilis*. Emery. 108.
——— *mocquerysi*. Emery. 108.

Opius [Braconidae].
——— *pedestris*. Szépligeti. 264.

Ormyrus [Chalcididae].
——— *brasiliensis*. Ashmead. 17.

Ornepetes [Sphegidae].
——— *albonotata*. André. 11.

Osmia [Anthophila].
——— *balucha*. Nurse. 214.
——— *novomexicana*. Cockerell. 75.
——— *sita*. Nurse. 214.
——— *sponsa*. Nurse. 214.

Oxybelus [Sphegidae].
——— *platensis*. Brèthes. 45.

Oxycoryphus n. gen. [Chalcididae]. Cameron. 55.
——— *pilosellus*. Cameron. 55.

Oxylabis [Proctotrupidae].
——— *bifoveolatus*. Brues. 46.

Pachycondyla [Formicidae].
——— *japonica*. Emery. 108.

Pachycrepoideus n. gen. [Chalcididae]. Ashmead. 17.

Pachynematus [Tenthredinidae].
——— *alpestris*. Konow. 183.
——— *foveolatus*. Konow. 183.
——— *gehrsi*. Konow. 183.
——— *glesipennis*. Konow. 183.
——— *gotarus*. Kincaid. 175.
——— *legirupus*. Konow. 183.
——— *lentus*. Konow. 183.
——— *lichtwardti*. Konow. 183.
——— *nigerrimus*. Konow. 183.
——— *orarius*. Kincaid. 175.
——— *oronus*. Kincaid. 175.
——— *pullus*. Konow. 183.
——— *pumilio*. Konow. 183.
——— *ravidus*. Konow. 183.
——— *sagulatus*. Konow. 183.
——— *sannio*. Konow. 183.
——— *vaginosus*. Konow. 183.
——— *zaddachi* n. nom. Konow. 183.

Pagarenes n. gen. [Ichneumonidae]. Cameron. 60.
——— *erythropus*. Cameron. 60.

Paniscomima n. gen. [Sphegidae]. Enderlein. 111.
——— *erlangeriana*. Enderlein. 111.

Parachartergus n. gen. [Vespidae]. Ihering 161.
——— *bentobuenoi*. Ihering. 161.

Paracrias n. gen. [Chalcididae] Ashmead. 17.
——— *laticeps*. Ashmead. 17.

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——— *chalybioides*. Viereck. 280.

Parapteromalus n. gen. [Chalcididae]. Ashmead. 17.

Parasaphes n. gen. [Chalcididae]. Ashmead. 17.

Paraselandria [Tenthredinidae].
——— *rufigastra*. Kincaid. 175.

Paraspalangia n. gen. [Chalcididae]. Ashmead. 17.

Rasphecodes [Anthophila].
——— *frenchi*. Cockerell. 80.
——— *melbournensis*. Cockerell. 80.

Paraterobia n. gen. [Chalcididae]. Ashmead. 17.

Paraulax n. gen. [Cynipidae]. Kieffer. 173.
——— *perplexus*. Kieffer. 173.

Parencyrtus [Chalcididae].
——— *brasiliensis*. Ashmead. 17.

Parnopes [Chrysididae].
——— *arizonensis*. Viereck. 278.
——— *concinna*. Viereck. 278.
——— *diadema*. Viereck. 278.
——— *excurvata*. Viereck. 278.
——— *hageni*. Viereck. 278.
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——— *taeniata*. Viereck. 278.

Paururus [Siricidae].
——— *californicus*. Ashmead. 20.
——— *hopkinsi*. Ashmead. 20.

Pelorotelus n. gen. [Chalcididae]. Ashmead. 17.
——— *coeruleus*. Ashmead. 17.

Pentacantha [Proctotrupidae].
——— *longicornis*. Kieffer. 171.

Pentarthron [Chalcididae].
——— *brasiliensis*. Ashmead. 17.

Pentasmicra n. gen. [Chalcididae]. Ashmead. 17.

Perelissus [Ichneumonidae].
——— *kara-kurti*. Rossikov. 235.

Periclista [Tenthredinidae].
——— *mutabilis*. Konow. 186.

Perilampus [Chalcididae].
——— *brasiliensis*. Ashmead. 17.

Pezomachus [Ichneumonidae].
——— *kara-kurti*. Rossikov. 235.
——— *scvarskii*. Rossikov. 235.

Phaenocarpa [Braconidae].
——— *coxalis*. Szépligeti. 264.

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——— *severini*. Forel. 119.
——— *termitophila*. Forel. 286.
——— *texana*. Wheeler. 289.
——— *titanis*. Wheeler. 289.
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Pheidolexenus n. gen. [Chalcididae]. Ashmead. 17.

Pheogenes [Ichneumonidae].
——— *compar*. Berthoumieu. 33.
——— *subniger*. Berthoumieu. 33.
——— *tenuicornis*. Berthoumieu. 33.
——— *tristis*. Berthoumieu. 33.

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——— *camerunensis*. Tullgren. 268.

Phlebopenes [Chalcididae].
——— *abdominalis*. Ashmead. 17.
——— *pertyi*. Ashmead. 17.

Phygadeuon [Ichneumonidae].
——— *labiale*. Cameron. 50.
——— *latiannulatum*. Cameron. 50.
——— *pallidinervis*. Cameron. 50.
——— *striatifrons*. Cameron. 50.

Phyracaces [Formicidae].
——— *braunsi*. Emery. 108.
——— *pubescens*. Emery. 108.

Physothorax [Chalcididae].
——— *mayri*. Ashmead. 17.

Piagetia [Sphegidae].
——— *varicornis*. Cameron. 60.

Pimpla [Ichneumonidae].
——— *kara-kurti*. Rossikov. 235.
——— *shawi*. Cameron. 58.
——— *spiloaspis*. Cameron. 58.

Pisonopsis [Ichneumonidae].
——— *anomala*. Mantero. 198.

Plagiolepis [Formicidae].
——— *deweti*. Forel. 120.

Platylabus [Ichneumonidae].
——— *parvulus*. Berthoumieu. 33.
——— *pimplarius*. Berthoumieu. 33.
——— *tricolor*. Berthoumieu. 33.

Plesiocryptus n. gen. [Ichneumonidae], Cameron. 60.
——— *carinifrons*. Cameron. 60.

Plesiostigmodes n. gen. [Chalcididae]. Ashmead. 17.
——— *brasiliensis*. Ashmead. 17.

Podagrion [Chalcididae].
——— *cyaneus*. Ashmead. 17.

Podalirius [Anthophila].
——— *connexus*. Nurse. 214.
——— *orataviae*. Saunders. 245.
——— *sergius*. Nurse. 214.
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Podium [Sphegidae].
——— *balesianum*. Schulz. 251.

Podomyrma [Formicidae].
——— *silvicola* var. *dimidiata* n. var. Forel. 119.

Polistes [Vespidae].
——— *biglumoides*. Ducke. 101.
——— *claripennis*. Ducke. 101.
——— *furnaria*. Ihering. 161.
——— *goeldii*. Ducke. 101.
——— *inornatus*. Tullgren. 268.
——— *juruana*. Ihering. 161.
——— *meridionalis* n. nom. Ihering. 161.
——— *niger?* Brèthes. 40.
——— *occidentalis* n. var. Ihering. 161.
——— *occipitalis*. Ducke. 101.
——— *pediculata* n. var. Ihering. 161.
——— *rufiventris*. Ducke. 101.
——— *septentrionalis* n. nom. Ihering. 161.
——— *unilineata*. Ihering. 161.
——— *ypiranguensis*. Ihering. 161.

Polybia [Vespidae].
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——— *holoxantha*. Ducke. 101.
——— *huberi*. Ducke. 101.
——— *jurinei* var. *bonäerense* n. var. Brèthes. 40.
——— *lignicola*. Ducke. 101.
——— *lutea*. Ducke. 101.
——— *micans*. Ducke. 101.
——— *obidensis*. Ducke. 101.
——— *pseudomimetica*. Schulz. 251.
——— *rufitarsis*. Ducke. 101.
——— *sculpturata*. Ducke. 101.
——— *vulgaris*. Ducke. 101.

Polynema [Chalcididae].
——— *brasiliensis*. Ashmead. 17.
——— *rufescens*. Ashmead. 17.

Pompilus [Sphegidae].
——— *autrani*. Holmberg. 159.
——— *bifasciatus*. Tullgren. 268.
——— *bovei*. Mantero. 198.
——— *guimarensis*. Saunders. 245.
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——— *inexorata*. Wheeler. 289.

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——— *arcticornis*. Konow. 185.
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——— *islandica*. Kincaid. 175.
——— *kukakiana*. Kincaid. 175.
——— *ora*. Kincaid. 175.
——— *peninsularis*. Kincaid. 175.
——— *popofiana*. Kincaid. 175.
——— *poppii*. Konow. 185.
——— *tundra*. Kincaid. 175.
——— *unga*. Kincaid. 175.

Poppia n. gen. [Tenthredinidae]. Konow. 185.
——— *athalioides*. Konow. 185.

Prenolepis [Formicidae].
——— *bruesii*. Wheeler. 289.
——— *jaegerskioeldi*. Mayr. 200.
——— *melanderi*. Wheeler. 289.
——— *traegaordhi*. Forel. 286.

Prionocnemus [Sphegidae].
——— *atelerythrus*. Holmberg. 159.
——— *australis*. Holmberg. 159.
——— *carbonarius*. Holmberg. 159.
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The consecutive numbers given at the end of each title-entry are used in the subsequent subject entries and in the list of new genera and species in place of the full reference. In such cases the reference is given by a number following the author's name. The name and number will identify the paper with one in the list of titles.

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Aipeiopsis n. gen., *A. hirsuta* n. sp. Southern Rhodesia. **Péringuey,** L. *l.c.* (160–162).

Allokotarsa n. gen., *A. clypeata.* Damaraland, Ovampoland; *A. rotundicollis.* Cape, Damaraland, Southern Rhodesia. nn. spp. **Péringuey,** L. *l.c.* (36–37, pl. IV, figs. 4, 15, 15a).

Alogistotarsa n. gen., *A. ovampoana,* Ovampoland; *O. straminea,* Orange River Colony. nn. spp. **Péringuey,** L. *l.c.* (39–40).

Amblyterus clypealis n. sp. **Ohaus,** F. Stettiner ent. Ztg, **65,** 1904, (165).

Ammoecius felscheanus n. sp. Algier. **Reitter,** E. Wr. Entomol. Ztg, Wien, **23,** 1904, (255).

Anepsiovalgus n. gen., *A. minus* n. sp. Malay Archipelago. **Kolbe,** H. J. Stettiner ent. Ztg., **65,** 1904, (30–32).

Anochilia nn. spp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (227–228).

Anomala nn. spp. Kamerun. **Ohaus,** F. Stockholm, Vet.-Ak. Öfvers., **59,** 1902, (344–347).

Anoplognathus acuminatus n. sp. **Ohaus,** F. Stettiner ent. Ztg, **65,** 1904, (105).

Aphodius nn. spp. Australia. **Blackburn,** T. Melbourne, Proc. R. Soc. Vict., (N. S.), **17,** 1904, (154–156).

Apocamenta n. gen. for *E. variolosa* and *A. cameruna* n. sp. **Brenske,** E. Entomol. Tidskr., Stockholm, **24,** 1903, (89–90).

Apogonia Kirby, description; nn. spp. Southern Rhodesia. **Péringuey,** L. Cape Town, Trans. S. Afr. Phil. Soc., **13,** 1904, (292).

Arraphytarsa n. gen., *A. damarina* n. sp. Damaraland. **Péringuey,** L. *l.c.* (39).

Asthenopholis Brenske, description. **Péringuey,** L. *l.c.* (1–293, with 4 pls.).

Ataenius nn. spp. Australia. **Blackburn,** T. Melbourne, Proc. R. Soc. Vict., (N. S.), **17,** 1904, (161–170).

Atys nn. spp. Cape Colony, Natal, Mozambique. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (253–258).

Autoserica nn. spp. Southern Rhodesia, Transvaal. **Péringuey,** L. *l.c.* (11–15).

Beriqua n. gen., *B. modesta* n. sp. Cape Colony. **Péringuey,** L. *l.c.* (185–186).

Bolboceras nn. spp. Australia. *B. angulicorne* Macl., *B. albertisi* Har., *B. cavicolle* Macl., *B. sloanei* Blackb., *B. reichei* Guér., *B. cornutum* Macl., *B. hippopus* Macl., *B. rhinoceros* Macl., *B. cornigerum* Macl., *B. tatei* Blackb., *B. tritubereulatum* Rainb., *B. fissicorne* Rainb., *B. recticorne* Guér., *B. gyndahense* Macl., *B. rotundatum* Hope, *B. rubescens* Hope, *B. globuliforme* Macl. **Blackburn,** T. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (495–525).

Bothrorrhina nickerli m. ♀. **Heller,** K. M. D. ent. Zs., Berlin, **1904,** (12); *B. nickerli* Heller u. Publicationen v. J. Faust. **Heller,** K. M. *l.c.* (303).

Brachyderes incanus L., Schädlichkeit. **Jacobi,** A. Natw. Zs. Landw., Stuttgart, **2,** 1904, (353–357).

Brachylepis Kolbe, description. *B. hauseri* n. sp. Zambesi River. **Péringuey,** L. Cape Town, Trans. S. Afr. Phil. Soc., **13,** 1904, (288).

Brachymis crinitus n. sp. Kamerun. **Brenske,** E. Entomol. Tidskr., Stockholm, **24,** 1903, (88–89).

Brachypholis sjöstedti n. sp. Kamerun. **Brenske,** E. *l.c.* (92, with pl.).

Camenta nn. spp. Cape Colony. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (95–103).

Camentoserica Brenske, description. **Péringuey,** L. *l.c.* (33).

Charitovalgus n. gen., *C. andamanicus* n. sp. Malay Archipelago. **Kolbe,** H. J. Stettiner ent. Ztg., **65,** 1904, (20–22).

Clinteria usambarica n. sp. Afrika. **Moser,** J. Berliner ent. Zs., **49,** 1904, (59–70).

Clitopa Erichson, description and nn. spp. from Southern Rhodesia. **Péringuey,** L. Cape Town, Trans. S. Afric., Phil. Soc., **13,** 1904, (147–151).

Clypeasta n. nom. = *Clypearia* Fairm. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (226).

Coelorrhina cornuta n. sp. E. Africa. **Heath,** E. A. Entomologist, London, **1904,** (101, fig. 2).

Coniopholis Erichson, description. *C. proxima* n. sp. Transvaal. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (273, pl. 1, fig. 26).

Coptomia castanoptera n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (228).

Cyclomera Klug., description. *C. rikatlensis* n. sp. Mozambique. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (137–140).

Cyclophorus marginicollis n. sp. Afrika. **Moser,** J. Berliner ent. Zs., **49,** 1904, (59–70).

Cyphochilus nn. spp. Chine. **Fairmaire,** L. Paris, Bul. soc. ent., **1902,** (316–318).

Dasycalgus n. gen., *D. infuscatus, D. udei, D. rollei, D. monachus, D. dohrni, D. eucharis* nn. spp. Malay Archipelago. **Kolbe,** H. J. Stettiner ent. Ztg, **65,** 1904, (34–42).

Diaphoroserica n. gen., *D. mashona* n. sp. Southern Rhodesia. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (26, pl. IV, fig. 3).

Diastellopalpus orbignyi n. sp. Southern Rhodesia. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (224).

Diphrontis hintzi n. sp. Afrika. **Moser,** J. Berliner ent. Zs., **49,** 1904, (59–70).

Discopeltis nn. spp. Afrika. **Moser,** J. *l.c.* (66–69).

Doleroserica n. gen. for *Serica curtula* Fahroeus, *D. auspicata, D. festa,* Transvaal, *D. gentilis,* Natal, *D. laetula,* Mozambique. nn. spp. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (53–55).

Dolerotarsa n. gen., *D. emendatrix* n. sp. Transvaal. **Péringuey,** L. *l.c.* (38).

Empecta latipennis n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (226).

Emphania subcostata n. sp. Madagascar. **Fairmaire,** L. *l.c.* (226).

Entyposis Kolbe, description; *E. mendax* n. sp. Southern Rhodesia. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (259).

Epichalcaplethis n. gen. for *Pelidnota velutipes.* **Bates,** F. London, Trans. Ent. Soc., **1904,** (253, 272).

Etiserica n. gen. for *E. simplex* n. sp. Southern Rhodesia. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (23).

Euchilia nn. spp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (230-231).

Eucosma flavosignata n. sp. Afrika. **Moser,** J. Berliner ent. Zs., **49,** 1904, (64).

Eucylophylla Waterhouse, description. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (131).

Eudicella immaculata n. sp. Uganda. **Heath,** E. A. Entomologist, London, **1904,** (102, fig. 1).

Eulepida Kolbe, description. *E. tschindeana* n. sp. Mozambique. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (285, pl. 1).

Euparia olliffi n. sp. **Blackburn,** T. Melbourne, Proc. R. Soc. Vict., (N. S.), **17,** 1904, (171).

Euronycha n. gen. for *Triodonta sericans* Fahroeus and *E. modesta* Pér.; *E. rhodesiana, E. sebakuana* nn. spp. Southern Rhodesia. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (30, Pl. V, figs. 1, 1a).

Gamka n. gen. for *G. minuta* n. sp. Cape Colony. **Péringuey,** L. *l.c.* (159–160).

Glyptoglossa nn. spp. Cape Colony. **Péringuey,** L. *l.c.* (188, pl. IV).

Gnorimus flavitarsis n. sp. Mouy-Tsé. **Fairmaire,** L. Paris, Bul. soc. ent., **1902,** (266–269).

Goliathus giganteus Lam. var. *connectens* n. var. **Csiki,** E. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (302–303, av. fig.).

Gryphonica n. gen. for *Serica puberula* Fahroeus. Transvaal. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (29).

Heterosoma, observations sur le genre; *H. elephas* n. sp. **Allnaud,** C. Paris, Bul. soc. ent., **1903,** (77–79).

Holisonycha n. gen. for *H. mellila* n. sp. Cape Colony. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (260).

Hoplitovalgus n. gen., *H. fallaciosus* n. sp. Malay Archipelago. **Kolbe,** H. J. Stettiner ent. Ztg, **65,** 1904, (49).

Hoplopelidnota n. gen., *H. candezei* n. sp. Cayenne. **Bates,** F. London, Trans. Ent. Soc., **1904,** (274).

Hyboserica n. gen. for *H. caffra* Fahroeus. *H. globuliformis* Brenske. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (27).

Hybovalgus n. gen., *H. bioculatus* n. sp. Malay Archipelago. **Kolbe,** H. J. Stettiner ent. Ztg, **6,** 1904, (55–56).

Hypopholis Burmeister, description. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (1-293, with 4 pls.).

Idaecamenta n. gen. for *I. jucunda* n. sp. Natal, Transvaal, Southern Rhodesia. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (112).

Idaeserica n. gen., *I. gratula* n. sp. Southern Rhodesia. **Péringuey**, L. *l.c.* (32–33).

Idiostoma n. gen. and n. sub-fam., *I. rufum*, *I. medon* nn. spp. **Arrow**, G. J. London, Trans. Ent. Soc., **1904**, (740, 741, pl. XXXVI, fig. 1).

Ischyrocera n. gen., *I. darcisi* n. sp. Afrika. **Hauser**, G. D. ent. Zs., Berlin, **1904**, (34–35).

Kniseophylla n. gen. for *K. distincta* n. sp. Cape Colony. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (134–135).

Lasiocala ohausi n. sp. Colombia. **Bates**, F. London, Trans. Ent. Soc., **1904**, (273).

Leribe n. gen. for *L. vesca* n. sp. Natal. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (113-114).

Lethrus bulbocerus Fischer, *L. dispar* Fischer, *L. longimanus* Fischer, Beschreibung. **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (83–84); *L. cephalotes*, sexuelle Beziehung. **Hajoss**, J. Rovart. L., Budapest, **11**, 1904, (11–12); *L.* (*Microlethrus*) *mithras* n. sp. Persien. **Reitter**, E. Wr. Entomol. Ztg, Wien **23**, 1904, (255–258).

Liatongus basicornis n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (225–226).

Liparetrus tuberculatus Lea, note of correction. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (89).

Lonchotus lateretusus n. sp. Madagascar. **Fairmaire**, L. Paris, Bul. soc. ent., **1903**, (67–70).

Macrophylla Hope, description and nn. spp. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (127–129).

Mecopelidnota n. gen., *M. arrowi* n. sp. Ecuador. **Bates**, F. London, Trans. Ent. Soc., **1904**, (271).

Melolontha hippocastani, Verbreitung in Ungarn. **Lósy**, J. Rovart. L., Budapest, **11**, 1904, (207–208); *M. vulgaris*, Begattung. **Uffeln**, K. Münster, Jähresber. ProvVer. Wiss., **32**, (1903–04), 1904, (42–43).

Mesoserica Brenske, description. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (34).

Microcamenta Brenske, description and nn. spp. **Péringuey**, L. *l.c.* (86–87).

Microrutela n. gen. for *Chalcentis coerulea* and *lauta*. **Bates**, F. London, Trans. Ent. Soc., **1904**, (250).

Milichus rhodesianus n. sp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Agric. Mus., **3**, 1904, (222).

Mimela rufoprasina n. sp. Kamerun. **Ohaus**, F. Stockholm, Vet.-Ak. Öfvers., **59**, 1902, (347–349).

Mycernus n. gen. near *Psilodontia*. *M. elegans* n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (52).

Mycteropius n. gen., *M. proboscideus* n. sp. **Fairmaire**, L. Paris, Bul. soc. ent., **1903**, (150).

Myctoplerus n. nom. = *Mycteroplus* Fairm. antea. **Fairmaire**, L. *l.c.* (202).

Nannovalgus n. gen., *N. pusio* n. sp. Malay Archipelago. **Kolbe**, H. J. Stettiner ent. Ztg., **65**, 1904, (26–27).

Nedymoserica Brenske, description. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (20).

Neoserica transvaalensis n. sp., Transvaal; *N. obesa*, *N. natalensis* figured. **Péringuey**, L. *l.c.* (22–23, pl. IV, figs. 23, 25).

Ochodaeus nn. spp. **Arrow**, G. J. London, Trans. Ent. Soc., **1904**, (743–745).

Oligolepis nn. spp. Kamerun. **Brenske**, E. Entomol. Tidskr., Stockholm, **24**, 1903, (95–98).

Onochaeta Erichson, description. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (120).

Onthophagus nn. spp. Australia. **Blackburn**, T. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (147–148); *O.* nn. spp. Afrique. **Orbigny**, H. d'. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (204–222); *O.* nn. spp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (219–222).

Oocamenta n. gen., for *Camenta rufiventris* Burmeister, and *O. transvaalia* n. sp. **Péringuey**, L. Cape Town, Trans. S. Afr. Phil. Soc., **13**, 1904, (105–107).

Oreovalgus n. gen., *O. montuosicollis* n. sp. Malay Archipelago. **Kolbe**, H. J. Stettiner ent. Ztg., **65**, 1904, (18–19).

Oxythyrea albomaculata n. sp. Afrika. **Moser**, J. Berliner ent. Zs., **49**, 1904, (65).

Pachnoda säuberlichi n. sp. Afrika. **Hauser**, G. D. Ent. Zs., Berlin, **1904**, (36); *P. testaceipennis* n. sp. Afrika. **Moser**, J. Berliner ent. Zs., **49**, 1904, (61).

Pachychilecamenta n. gen., *P. rufa* n. sp. Kamerun. **Brenske**, E. Entomol. Tidskr., Stockholm, **24**, 1903, (90–91).

Paediovalgus n. gen., *P. micros* n. sp. Malay Archipelago. **Kolbe**, H. J. Stettiner ent. Ztg, **65**, 1904, (14–17).

Panelus arthuri Blackb., note as to synonymy. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (89).

Paracamenta n. gen., *P. calva*, Transvaal; *P. conspicua*, Transvaal; *P. lydenburgiana*, Transvaal; *P. suturalis*, Natal. nn. spp. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (108–112).

Parapoecilophila n. gen., *P. kraatzi* n. sp Afrika. **Hauser**, G. D. ent. Zs., Berlin, **1904**, (37).

Paraschizognathus n. gen., *P. prasinicollis*, *P. olivaceus* nn. spp. **Ohaus**, F. Stettiner ent. Ztg., **65**, 1904, (125–132).

Pasaphylla n. gen., *P. libens* n. sp. Cape Colony. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (135–136).

Pegylidius n. gen., *P. mashunus* n. sp. Southern Rhodesia. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (279).

Pegylis Erichson, description. **Péringuey**, L. *l.c.* (193).

Pelidnota nn. spp. **Bates**, F. London, Trans. Ent. Soc., **1904**, (260–269).

Pentodon, note sur le genre; *P. reitteri* n. nom. **Jakovlev**, V. E. St. Peterburg, Ann. Mus. zool. Ac. Sc., **9**, 1–2, 3, 1904, (XV–XVII).

Pericamenta n. gen., *P. paupercula* n. sp. Cape Colony. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (105).

Periclitopa, Brenske, description. nn. spp. Cape Colony. **Péringuey**, L. *l.c.* (142–144).

Pericoptus frontalis n. sp. New Zealand. **Brown**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (55).

Philacelota n. gen., *P. submaculata*, *P. sulana* nn. spp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1–46).

Phileurus hovanus n. sp. Madagascar. **Fairmaire**, L. Paris, Bul. soc. ent., **1903**, (67–70).

Philoserica Brenske, description. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (28).

Phoeochrous emarginatus Cast. **Blackburn**, T. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (145–181).

Pholidochris nn. spp. Kamerun. **Brenske**, E. Entomol. Tidskr., Stockholm, **24**, 1903, (92–95).

Phycochus sulcipennis n. sp., *P. graniceps* Brown, recorded as Tasmanian. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (89).

Phytoloema herrmanni, injurious habits, larvae. **Rivera**, J. M. Rev. chilena, Valparaiso, **8**, 1904, (250–254, pl. VIII).

Pleiophylla n. gen., *P. vestita* n. sp. Cape Colony. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (130–131).

Pleistophylla n. gen., *P. singularis* n. sp. Transvaal. **Péringuey**, L. *l.c.* (156).

Pleophylla tongaatsana n. sp. Natal. **Péringuey**, L. *l.c.* (9, pl. I, fig. 18).

Plocovalgus n. gen., *P. waterstradti* n. sp. Malay Archipelago. **Kolbe**, H. J. Stettiner ent. Ztg, **65**, 1904, (45).

Plusiotis cupreomarginata n. sp. Costa Rica. **Bates**, F. London, Trans. Ent. Soc., **1904**, (272).

Poeciphila tesselata n. sp. Afrika. **Moser**, J. Berliner ent. Zs., **49**, 1904, (69).

Polyphylla fullo L. Zirpen. **Krancher**, O. Ent. Jahrb., Leipzig, **13**, 1904, (41).

Popillia rubromaculata n. sp. Kamerun. **Ohaus**, F. Stockholm, Vet.-Ak. Öfvers., **59**, 1902, (350–352, with pl.).

Prodontria n. gen., *P. lewisii* n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (54).

Psammodius nn. spp. Australia. **Blackburn**, T. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (174).

Pseudachloa n. gen., *P. leonina* n. sp. Orange River Colony; Transvaal. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (162).

Pseudinca moseri n. sp. Afrika. **Hauser**, G. D. ent. Zs., Berlin, **1904**, (38).

Pseudoschizognathus n. gen., *P. variicollis*, *P. schönfeldti* nn. spp. **Ohaus**, F. Stettiner ent. Ztg, **65**, 1904, (146–147).

Pseudotrochalus nn. spp. Kamerun. **Brenske**, E. Entomol. Tidskr., Stockholm, **24**, 1903, (85–88).

Pseustophylla n. gen., *P. pretoriana* n. sp. Transvaal. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (157–159).

Psilonychus Burmeister, description; nn. spp. Cape Colony. Natal. **Péringuey**, L. *l.c.* (267–269).

Pygora prasinella n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (229).

Rhabdopholis Burmeister, description. *R. costipennis* and *R. albostriata* genitalia, figured. **Péringuey**, L. Cape Town, Trans. S. Afr. Phil. Soc., **13**, 1904, (1–293, pl. I, figs. 23, 27).

Rhizotrogus cicatricosus, Vorkommen in Thüringen. **Prediger**, G. Insektenbörse, Leipzig, **21**, 1904, (147); *R. grassii* n. sp. Coleottero italiano. **Mainardi**, A. Firenze, Boll. Soc. entom., **34**, (1902), (trimestre 1°–2°), 1902, (105–111, con 2 fig.); *R. solstitialis* L. ab. *brunnescens* n.? **Rothenberg**, von. Ent. Zs., Guben, **17**, 1903, (63).

Rivera plebeia, injurious habits, etc. **Rivera**, J. M. Rev. chilena, Valparaiso, **8**, 1904, (242–250, figs. 18–21).

Rutela versicolor Latr. = *Pelidn. venezuelensis* G. and H.) **Arrow**, G. J. London, Trans. Ent. Soc., **1904**, (260).

Saprosites, old and new species, Australia. **Blackburn**, T. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (175–176).

Saprus n. gen., *S. griffithi* n. sp. Australia. **Blackburn**, T. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17**, 1904, (178).

Saulostomus nn. spp. **Ohaus**, F. Stettiner ent. Ztg, **65**, 1904, (156–157).

Schizognathus nn. spp. **Ohaus**, F. *l.c.* (138–142).

Schizonycha nn. spp. Cape Colony. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (201–250, pl. 1).

Sebakus n. gen., *S. coriacea* n. sp. Southern Rhodesia. **Péringuey**, L. *l.c.* (262).

Sebaris Castelnau, description. **Péringuey**, L. *l.c.* (181, pl. IV, figs. 32–44).

Sparrmannia Castelnau, description. nn. spp. Cape Colony. **Péringuey**, L. *l.c.* (172–186).

Spathoschyza Arrow, description. **Péringuey**, L. *l.c.* (1–293, with 4 pls.).

Sphinctovalgus n. gen., *S. conradti* n. sp. Malay Archipelago. **Kolbe**, H. J. Stettiner ent. Ztg., **65**, 1904, (51–53).

Spilovalgus n. gen. **Kolbe**, H. J. *l.c.* (32).

Stenoscrica Brenske, description, *S. delagoana*. Mozambique. *S. zambesicola*. Southern Rhodesia. nn. spp. **Péringuey**, L. Cape Town, Trans. S. Afric. Phil. Soc., **13**, 1904, (25, 4 pls.).

Suntemnonycha n. gen., *S. collusor* n. sp. Southern Rhodesia. **Péringuey**, L. *l.c.* (262).

Syngeneschira Brenske, description, *S. omramba* n. sp. Ovampoland. **Péringuey**, L. *l.c.* (262).

Syngonovalgus n. gen., *S. subnitidus* n. sp. Malay Archipelago. **Kolbe**, H. J. Stettiner ent. Ztg., **65**, 1904, (28–29).

Syntaxipholis n. gen., type *Pseudopholis kuiluensis* Brsk. **Brenske**, E. Entomol. Tidskr., Stockholm, **24**, 1903, (98).

Systellorhina nn. spp. Afrika. **Moser,** J. Berliner ent. Zs., **49,** 1904, (62-63).

Thyregis n. gen., *T. kershawi* n. sp. Australia. **Blackburn,** T. Melbourne, Proc. R. Soc. Vict., (N. Ser.), **17,** 1904, (145-146).

Tlaocera n. gen., *T. saga* n. sp. Cape Colony. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (133).

Trapezorrhina n. gen., *T. sordida* n. sp. Afrika. **Hauser,** G. D. Ent. Zs., Berlin, **1904,** (33-34).

Trichinopus Waterhouse, description. *T. titania* n. sp. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., 1904, **3,** (165).

Trichiodera Burmeister, description. **Péringuey,** L. *l.c.* (156).

Trichovalgus n. subgen. (*Dasyvalgus*). **Kolbe,** H. J. Stettiner ent. Ztg., **65,** 1904, (44).

Trochalus nn. spp. Transvaal, Southern Rhodesia. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (41-51); *T. camerunensis* n. sp. Kamerun. **Brenske,** E. Entomol. Tidskr., Stockholm, **24,** 1903, (84-85).

Tulbaghia n. gen., *T. cereris, T. lightfooti* nn. spp. Cape Colony. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (88-90)

Valgus keysseri n. sp. New Guinea. **Hauser,** G. D. Ent. Zs., Berlin, **1904,** (40).

Xenopelidnota n. gen. for *Plusiotis anomala.* **Bates,** F. London, Trans. Ent. Soc., **1904,** (273).

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General.

Horn, W. Ueber die Cicindeliden-Sammlungen von Paris und London. D. ent. Zs., Berlin, **1904,** (81-99).

——— Zur Kenntnis der Cicindeliden-Fauna von Kamerun und seiner Hinterländer. D. ent. Zs., Berlin, **1904,** (429-431).

Special.

Cicindela, distribution. **Wickham,** H. F. Amer. Nat., Boston, Mass., **38,** 1904, (643-654); *C.* nn. spp. Egypt. **Horn,** W. D. ent. Zs., Berlin, **1904,** (423-427); *C.* nn. spp. Australia. **Sloane,** T. G. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (527-528); *C. arnoldi* n. sp. **Horn,** W. D. ent. Zs., Berlin, **1904,** (429-431); *C. innocentior* n. sp. **Horn,** W. *l.c.* (427-428); *C. jungi,* notes. **Rainbow,** W. J. Sydney, N.S.W., Rec. Austr. Mus., **5,** 1904, (245, fig. 35); *C. malabarica* n. sp. **Fleutiaux,** E. et **Maindron,** M. Paris, Bul. soc. ent., **1903,** (72).

Distypsidera orbicollis n. sp. Australia. **Sloane,** T. G. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (529).

Dromica (*Cosmema*) nn. spp. Transvaal. **Péringuey,** L. Nov. Zool., Tring, **11,** 1904, (448); *D.* (*Myrmecoptera*) *erlangeri* n. subsp. Egypt. **Horn,** W. D. ent. Zs., Berlin, **1904,** (423-427).

Megacephala ertli n. sp. **Horn,** W. D. ent. Zs., Berlin, **1904,** (432); *M. oscari* n. sp. Egypt. **Horn,** W. *l.c.* (423); *M. schultzeorum* n. sp. **Horn,** W. *l.c.* (430).

Megalomma alluaudi n. sp. Madagascar. **Fleutiaux,** E. Paris, Bul. soc. ent., **1903,** (172-173); *M. biguttulum* n. sp. Madagascar. **Fairmaire,** L. *l.c.* (67-70).

Odontochila baeri n. sp. **Fleutiaux,** E. *l.c.* (109).

Ophryodera rufomarginata var. *circumcinctoides* n. var. **Horn,** W. D. ent. Zs., Berlin, **1904,** (431).

Pogonostoma nn. spp, **Fleutiaux,** E. Paris, Bul. soc. ent., **1902,** (301-302); *P. septentrionale* n. sp. **Madagascar. Fleutiaux,** E. *l.c.* **1903,** (172-173); *P. subtilis* n. sp. **Horn,** W. D. ent. Zs., Berlin, **1904,** (81).

Tetracha (*Styphloderma*) *dodsi* n. sp. Southern Rhodesia. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (167).

Therates sumatrensis Putz, note. **Bouchard,** J. Paris, Bul. soc. ent., **1903,** (169-170).

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General.

Benick, L. Ein drastisches Verteidigungsmittel der Laufkäfer (*Carabidae*). Nerthus, Altona, **5,** 1903, (26-27, 42-44).

Born, P. Die Caraben der Käferfauna der Balkanhalbinsel von Victor Apfelbeck 1904. Insektenbörse, Leipzig, **21**, 1904, (162–164).

Dimmock, G. and **Knab**, F. Early stages of *Carabidae*. [With bibliography.] Springfield, Mass., Mus. Nat. Hist. Bull., No. **1**, 1904, (1–55, with 4 pls. and text fig.).

Lósy, J. Pflanzenfressende Carabiden. (Ungarisch) Rovart. L., Budapest, **11**, 1904, (75–76).

Semenov, A. Synopsis praecursoria generum et specierum subtribum Stomini efficientum. St. Peterburg, Hor. Soc. Ent. Ross., **37**, 1904, (187–193).

SPECIAL.

Abacetus nn. spp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (189–200).

Amara nn. spp. **Apfelbeck**, V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd. **1**, 1904, (300–305).

Anophthalmus fabiani (Gestro), nota. **Viré**, A. e **Alzona**, C. Boll. Naturalista, Siena, **22**, 1902, (74–75); *A. raymondi* varr., *A. gounellei* var. *cerdonicus* n. var. France. **Abeille de Perrin**, E. Paris, Bul. soc. ent., **1903**, (208–210).

Aptinus ponticus n. sp. **Apfelbeck**, V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1**, 1904, (355).

Archoteffus v. *Teffus*.

Badister gladiator n. sp. **Apfelbeck**, V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1**, 1904, (164).

Bembidion serdicanum n. sp. **Apfelbeck**, V. *l.c.* (92).

Brachinus nn. spp. Southern Rhodesia and Natal. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (171–172).

Brachynus nn. spp. **Apfelbeck**, V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1**, 1904, (348–352).

Bradycellus ganglbaueri n. sp **Apfelbeck**, V. *l.c.* (348).

Callida nn. spp. Natal. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (173).

Callistomimus placens n. sp. Southern Rhodesia. **Péringuey**, L. *l.c.* (186).

Carabus, zwei interessante Sendungen von Oesterreich - Ungarn. **Born**, P. Insektenbörse, Leipzig, **21**, 1904, (92–93, 100–101); zur Kenntnis der Larven. **Weber**, L. Allg. Zs. Ent., Neudamm, **9**, 1904, (414–418); *C. auratus* L. und drei in der Umgegend von Coblenz gefundene Varietäten desselben. **Bocklet**, C. Ent. Zs., Guben, **18**, 1904, (38–39); *C. auratus*: le differenze sessuali secondarie quantitative. **Porta**, A. Firenze, Boll. Soc. entom., **34**, (1902), (trimestre 1°-2°), 1902, (61–103); *C. auratus*, **Uffeln**, K. Münster, Jahresber. Prov-Ver. Wiss., **32**, (1903–1904), 1904, (43–45); *C. auronitens* Fabr. und *punctato-auratus* Germ. **Born**, P. Insektenbörse, Leipzig, **21**, 1904, (35–36); *C. longicornis* n. sp. Mouy-Tsé. **Fairmaire**, L. Paris, Bul. soc. ent., **1902**, (266–269); *C. monilis* Fabr. und seine Formen. **Born**, P. Insektenbörse, Leipzig, **21**, 1904, (43–44, 51–52, 59–60, 67, 75–176); *C. scheidleri* Panz. var. *koshanini* n. var. *C. ulrichi* Germ. var. *pernix* n. var. Servia. **Csiki**, E. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (591); Rovart. L., Budapest, **11**, 1904, (147); *C. ulrichi* Germ. und *italicus* Dej. **Born**, P. Insektenbörse, Leipzig, **21**, 1904, (227).

Carpaulum n. gen., *C. inflaticeps*, *C. porosum* nn. spp. Queensland. **Sloane**, T. G. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (536–538).

Chaetoleistus n. subgen. (*Leistus*). **Semenov**, A. Rev. russ. ent., Jaroslavlĭ, **4**, 2–3, 1904, (119–121).

Chlaenius nn. spp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (184–185).

Colpodes placidus n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1–46).

Coptoptera indotata n. sp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (175).

Craspedophorus nn. spp. Southern Rhodesia. **Péringuey**, L. *l.c.* (187).

Cymindis nn. spp. **Appelbeck**, V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1**, 1904, (343).

Discopterella n. subgen. for *Discoptera przevalskii*. **Semenov**, A. Rev. russ. ent., Jaroslavlĭ, **4**, 5, 1904, (202).

Disphaericus rhodesianus n. sp. Southern Rhodesia. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (188).

Dromius cordicollis Vorbg. **Vorbringer,** G. D. ent. Zs., Berlin, **1904,** (45 46); *D. cribricollis* n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (225); *D. longulae,* nova in fauna Rossiae. **Semenov,** A. P. (Russ.) Rev. russ. ent., Jaroslavlĭ, **4,** 4, 1904, (167–169).

Elaphrus nn. spp. and synopsis Elaphrorum palaearcticorum. **Semenov,** A. P. *l.c.* No. 1, 1904, (19-22); *E. jakovlevi* Sem. *E. longicollis* J. Sahlb., *E. angusticollis* F. Sahlb. **Semenov,** A. P. *l.c.* 2-3, 1904, (102–105); *E. latipennis,* description. **Semenov,** A. St. Peterburg, Hor. Soc. Ent. Ross., **37,** 1904, (124–125); *E. longicollis* = (*jakovlevi* Sem.). **Poppius,** B. St. Peterburg, Ann. Mus. zool. Ac. Sc., **8,** 1903, [1904], (364).

Galerita, coléoptères anomaux. **Gadeau de Kerville,** H. Paris, Bul. soc. ent., **1903,** (88–89, av. fig.).

Gazanus n. gen., *G elegans* n. sp. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (204–205).

Graphipterus shebanus n. sp. Transvaal. **Péringuey,** L. *l.c.* (183).

Harpalus nn. spp. **Apfelbeck,** V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1,** 1904, (185, 193-195, 288).

Heteroteflus v. Tefflus.

Hexagonia nn. spp. Southern Rhodesia. **Péringuey,** L. Cape Town Ann. S. Afric. Mus., **3,** 1904, (167-170).

Hystrichopus velox n. sp. Cape Colony. **Péringuey,** L. *l.c.* (174).

Klepsiphrus angusticollis n. sp. Natal. **Péringuey,** L. *l.c.* (175).

Laemostenus complanatus, habitat. **Fauvel,** A. Paris, Bul. soc. ent., **1903,** (62–67).

Lebia nn. spp. Southern Rhodesia. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (178-180); *L. indigacea* n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (225).

Lebistina spectabilis n. sp. Transvaal. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (181).

Lionychus laetulus n. sp. Cape Colony. **Péringuey,** L. *l.c.* (176).

Lissotarsus bedeli Faust var. *biskrensis* Chob., notes. **Chobaut,** A. Paris, Bul. soc. ent., **1903,** (171).

Macrochilus nn. spp. Southern Rhodesia. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (170-171); *M. nigrotibialis* n. sp. Celebes. **Heller,** K. M. Dresden, Abh. zool. Mus., **9,** Nr. 5, 1901, (1–46).

Masoreus australis n. sp. Australia. **Sloane,** T. G. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (535).

Mecodema nn. spp. New Zealand. **Broun,** T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (41–43).

Mesoteflus v. Tefflus.

Metallica mashunensis n. sp. Southern Rhodesia. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (180).

Metaxymorphus robustus n. sp. Natal. **Péringuey,** L. *l.c.* (174).

Molops nn. spp. **Apfelbeck,** V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1,** 1904, (221–223, 228–231).

Morio longipennis Putz., note. *M. australis* Casteln., note. *M. victoriæ* Casteln., note. *M. longicollis* Macl., note. *M. novæ-hollandiæ* Casteln. = *M. australasiae* Chaud. = *M. seticollis,* Macl. *M. pachysomus,* Chaud., note. *M. crassipes* n. sp. Australia. **Sloane,** T. G. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (531–533).

Nebria nn. spp. **Apfelbeck,** V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1,** 1904, (53, 57, 59); *N. kincaidi* n. sp. Alaska. **Schwarz,** E. A. Alaska (Harriman Expedition), New York, **8,** 1904, (169–185).

Omma, nervation des ailes. **Peyerimhoff,** P. de. Paris, Bul. soc. ent., **1902,** (330–332, av. fig.).

Omphreus aetolicus n. sp. **Apfelbeck,** V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1,** 1904, (272).

Paradinoides n. subgen. = *Chlaenius viridis* Menetr. **Apfelbeck,** V. *l.c.* (155).

Patrobus assimilis Chaud. **Scholz,** R. Insektenbörse, Leipzig, **21,** 1904, (115).

Penetretus rufipennis Dej. var. *semipunctatus* n. var. Südportugal. **Reitter,** E. Wr. Entomol. Ztg, Wien, **23,** 1904, (81-82).

Pentagonica dispar n. sp. Natal. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (191).

Perigona rufilabris Macl. var. *infuscata* n. var. Australia. **Sloane,** T. G. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (534).

Phloeozetus nn. spp. Southern Rhodesia. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1903, (177).

Platyderodes n. subgen. (*Platyderus*). **Apfelbeck,** V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1,** 1904, (281).

Platyderus nn. spp. **Apfelbeck,** V. *l.c.* (280–281).

Platynus nn. spp. **Apfelbeck,** V. *l.c.* (293); *P.* nn. spp. Natal. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (201–207); *P. serbicus* n. sp. Servia. **Csiki,** E. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (593); Rovart. L., Budapest, **11,** 1904, (148).

Platysma femoratum, note additionnelle sur l'habitat. **Carret,** A. Paris, Bul. soc. ent., **1903,** (187–188); *P.* (*Pseudocryobius*) *aquilonium* n. sp. **Semenov,** A. St. Peterburg, Hor. Soc. ent. Ross., **37,** 1904, (125–126).

Pogonus liliputanus n sp. **Apfelbeck,** V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1,** 1904, (151).

Polyhirma commista n. sp. Damaraland, Southern Rhodesia. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (184).

Pterostichus nn. spp. **Apfelbeck,** V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1,** 1904, (244–262).

Scarites, table of species, and synopsis of the genera of Scaritini. **Čičerin,** T. Rev. Russ. Ent., Jaroslavlĭ, **4,** 1904, (257–265).

Stomis nn. spp. Transcaucasia. **Semenov,** A. *l.c.* (150–153)

Strictotefflus v. Tefflus.

Styphromerus plausibilis n. sp. Southern Rhodesia. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (173).

Tachys krüperi n. sp. **Apfelbeck,** V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1,** 1904, (120).

Tefflus (*Archotefflus, Strictotefflus, Heterotefflus, Mesotefflus*) nn. spp. Afrika. **Kolbe,** H. J. Berliner ent. Zs., **49,** 1904, (117–158).

Thyreopterus nn. spp. Cape Colony. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (182).

Tichonia n. nom. = *Caletor* Čič. **Semenov,** A. Rev. Russ. Ent., Jaroslavlĭ, **4,** 1904, (201).

Trechus nn. spp. **Apfelbeck,** V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1,** 1904, (129–139); *T.* nn. spp. Mongolei, Kaukasus, etc. **Reitter,** E. Wr. Entomol. Ztg, Wien, **22,** 1903, (1–7); *T. concinnus* n. sp. Caucasus. **Čičerin,** T. Rev. russ. ent., Jaroslavlĭ, **4,** 4, 1904, (147–149); *T. varendorffi* n. sp. Corse. **Sainte-Claire Deville,** J. Paris, Bul. soc. ent., **1903,** (70–72).

Trichosternus hudsoni n. sp. New Zealand. **Brown,** T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (44).

Xenitenus natalicus n. sp. Natal. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (176).

Zabrus nn. spp. **Apfelbeck,** V. Die Käferfauna der Balkanhalbinsel, Berlin, Bd **1,** 1904, (312–318); *Z.* nn. spp. Spain and Portugal. **Uhagon,** S. de. Madrid, Mem. Soc. esp. Hist. nat., **2,** 1904, (393–396, 424–427); *Z. gibbus*, Lebensweise. **Remer,** W. Breslau, Jahresber. Ges. vaterl. Cultur, **81,** (1903), 1904, zool. bot. Sect., (17–18); *Z. tenebrioides*, metamorfosi. **Porta,** A. Firenze, Boll. Soc. entom., **33,** (1901), (trimestre 3°–4°), 1902, (177–182).

Zeloticus umtalianus n. sp. Southern Rhodesia. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (185).

DYTISCIDAE.

Bidessus complicatus n. sp. White Nile. **Sharp,** D. Res. exped. Egypt., Uppsala, Pt. 1, 1904, (4).

Brychius rossicus Sem. in Kiwinebb (Finnland). **Poppius,** B. (Schwedisch) Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30,** 1904, (27–28).

Clypeodytes lentus n. sp. White Nile. **Sharp**, D. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (4).

Copelatus subdeficiens n. sp. Cameroun. **Régimbart**, M. Entomol. Tidskr., Stockholm, **23**, 1902, (295-296).

Haliplus transvolgensis n. sp. Saratov. **Semenov**, A. Rev. Russ. Ent., Jaroslavlï, **4**, 1904, (216).

Hydrocanthus prolixus n. sp. White Nile. **Sharp**, D. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (3).

Hyphydrus ovatus var. **Sharp**, W. E. Ent. Mag., London, **40**, 1904, (43).

PAUSSIDAE.

Arthropterus feae n. sp. **Gestro**, R. Firenze, Boll. Soc. entom., **34**, (1902), (trimestre 1°-2°), 1902, (33-36).

Hylotorus sebakuanus n. sp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (205).

Paussus nn. spp. **Wasmann**, E. Leiden, Notes Mus. Jentink, **25**, [1904], (51–65).

Platyrhopalus nn. spp. **Wasmann**, E. *l.c.* (19–20).

Pleuropterus nn. spp. **Wasmann**, E. *l.c.* (9–10).

GYRINIDAE.

Orectogyrus nn. spp. Cameroun. **Régimbart**, M. Entomol. Tidskr., Stockholm, **23**, 1902, (297–299).

HYDROPHILIDAE.

Helochares nn. spp. White Nile. **Sharp**, D. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (5–8).

Hydrochus niloticus n. sp. White Nile. **Sharp**, D. *l.c.* (10–11).

Ochthebius auriculatus Rey, new for Sweden. **Sandin**, E. Entomol. Tidskr., Stockholm, **23**, 1902, (62); *O. niloticus* n. sp. Cairo. **Sharp**, D. Res. exped. Egypt., Uppsala, Pt. 1, 1904, (9).

Philydrus pumilio n. sp. White Nile. **Sharp**, D. *l.c.* (8–9).

Thomasis n gen. near *Hydrastygnus*, for *T. guanicola* n. sp. Bounty Isld. **Brown**, T. Ann. Mag. Nat. Hist. London, (Ser. 7), **14**, 1904, (273).

Volvulus nn. spp. White Nile. **Sharp**, D. Res. exped. Egypt., Uppsala, Pt. 1, 1904, (5–6).

SILPHIDAE.

Agathidium badium Er.: a beetle new to Britain. **Chaster**, G. W. Ent. Rec., London, **16**, 1904, (18).

Antroherpon loreki n. sp. Hercegowina. **Zoufal**, V. Wr. Entomol. Ztg, Wien, **23**, 1904, (20).

Apholeuonus nudus Apfelb. var. *longicollis* n. var. Herzegowina. **Reitter**, E. *l.c.* (255–258).

Bathyscia (*Aphaobius*) *eurycnemis* n. sp. Herzegowina. **Reitter**, E. *l.c.* (26); *B. pueli* n. sp. France. **Chobaut**, A. Paris, Bul. soc. ent., **1903**, (221–222).

Catops sericatus Chaud., a British insect. **Champion**, G. C. Ent. Mag., London, **40**, 1904, (78).

Choleva pallida n. sp. **Poppius**, B. Helsingfors, Öfvers, F. Vet. Soc., **46**, No. 16, 1904, (2-3).

Diaprysius mazaurici n. sp. **Mayet**, V. Paris, Bul. soc. ent., **1903**, (139–142).

Necrophorus-Arten, Verwandschaft und Stammform. **Kleffner**, W. Ent. Jahrb., Leipzig, **13**, 1904, (182-186).

Pholeuon hungaricum n. sp. Ungarn. **Csiki**, E. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1901, (565–566).

Trichosphaerula n. subgen. (*Liodes*). **Fleischer**, A. Wr. Entomol. Ztg, Wien, **23**, 1904, (261–262).

SCYDMAENIDAE.

Cephennium fossulatum n. sp. **Lokay**, E. Prag, Čas. České Spol. Entomolog., **1**, 1904, (40–41).

Chevrolatia insignis, capture en Anjou. **La Perraudière**, R. de. Paris, Bul. soc. ent., **1902**, (218–219).

Enconnus maklini Mannh., a new British beetle. **Jay**, N. H. Ent. Mag. London, **40**, 1904, (6).

STAPHYLINIDAE.

Aenictonia nn. spp. Congo. **Wasmann**, E. Zool. Jahrb., Jena, Suppl. **7**, 1904, (637).

Agerodes nn. spp. **Bernhauer**, M. Stettiner ent. Ztg, **65**, 1904, (217–242).

Aleochara (*Heterochara*) *glasunovi* n. sp. Russisch-Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1904, (113–114); *A. parvicollis* n. sp. **Bernhauer**, M. Stettiner ent. Ztg, **65**, 1904, (240).

Amphichroum australe Fol., *A. adelaidae* Blackb., *A. spinipes*, notes as to variation. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (77).

Anommatophilus n. gen., *A. kohli*, *A. minor*, *A. tenellus* nn. spp. Congo. **Wasmann**, E. Zool. Jahrb., Jena, Suppl. **7**, 1904, (642–643).

Anommatoxenus n. gen., *A. clypeatus* n. sp. Congo. **Wasmann**, E. *l.c.* (656–657).

Atemeles pratensoides n. sp. Luxemburg. **Wasmann**, E. D. ent. Zs., Berlin, **1904**, (9–11).

Atheta nn. spp. **Bernhauer**, M. Stettiner ent. Ztg, **65**, 1904, (238–239); *A.* (*Aloconota*) *frontalis* n. sp. Russisch-Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1904, (109); *A.* (*Dimetrota*) *procera* Krtz., *A. allocera* Epph, neue für Norden. **Poppius**, B. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30**, 1904, (85–87); *A.* (*Liogluta*) *roettgeni* n. sp Schweiz. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **53**, 1903, (591–596).

Bledius bicornis Ahr. found in Sweden. **Sandin**, E. Entomol. Tidskr., Stockholm, **23**, 1902, (61); *B. glasunovi* n. sp. Russisch-Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross, **37**, 1904, (87–88).

Bryoporus gracilis n. sp. Oesterreich. **Luze**, G. Wien, Verh. ZoolBot. Ges., **53**, 1903, (237).

Bryothinusa n. gen., near *Thinusa*, *B. catalinae* n. sp. California. **Casey**, T. L. Canad. Ent., Toronto, **36**, 1904, (312–313).

Cafius velutinus Fol., note as to variation. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (63).

Carcinocephalus n. nom. für *Astacops* Bernh. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **53**, 1903, (591–596).

Coprophilus bimaculatus n. sp. Russisch-Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1904, (79–80).

Cryptobium myrmecocephalum n. sp., *C. mastersi* Macl., note as to variation. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (71–73).

Demera nn. spp. Congo. **Wasmann**, E. Zool. Jahrb., Jena, Suppl. **7**, 1904, (630).

Dicax nn. spp. Australia. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (73–74).

Diglossa nn. spp. Perim. **Cameron**, M. Ent. Mag., London, **40**, 1904, (157).

Discoxenus n. gen., *D. lepisma*, *D. assmuthi* nn. spp. Congo. **Wasmann**, E. Zool. Jahrb., Jena, Suppl. **7**, 1904, (655).

Dorylocerus n. gen., *D. fossulatus* n. sp. Congo. **Wasmann**, E. *l.c.* (627–628).

Dorylogaster n. gen., *D. longipes* n. sp. Congo. **Wasmann**, E. *l.c.* (625–626).

Dorylomimus n. gen., *D. kohli* n. sp. Congo. **Wasmann**, E. *l.c.* (620–622).

Dorylonia n. gen., *D. laticeps* n. sp. Congo. **Wasmann**, E. *l.c.* (635).

Dorylonilla n. gen., *D. spinipennis* n. sp. Congo. **Wasmann**, E. *l.c.* (631).

Dorylophila n. gen., *D. rotundicollis* n. sp. Congo. **Wasmann**, E. *l.c.* (632–633).

Dorylopora n. gen., *D. costata*, *D. kohli* nn. spp. Congo. **Wasmann**, E. *l.c.* (628–629).

Doryloxenus nn. spp. Congo. **Wasmann**, E. *l.c.* (653–655).

Eccoptoglossa n. gen., *E. obscura* n. sp. Russisch-Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1904, (105–108).

Eleusis nn. spp. Madagaskar. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **54**, 1904, (4–9); *E.* nn. spp. Cameroun.

Fauvel, A. Ark. Zool., Stockholm, **1**, 1–2, 1903, (236–237); *E. cephalotes* n. sp. **Bernhauer**, M. Stettiner ent. Ztg., **65**, 1904, (218); *E. planicollis* Macl., note as to synonymy. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (77).

Eulissus nn. spp. **Bernhauer**, M. Stettiner ent. Ztg, **65**, 1904, (230–231).

Eunonia n. gen., *E. keeniana* n. sp. British Columbia. **Casey**, T. L. Canad. Ent., Toronto, **36**, 1904, (313–314).

Eupsenius n. gen., *E. clavicornis* n. sp. America meridionale. **Wasmann**, E. Torino, Boll. Musei zool. anat., **17**, No. 427, 1902, (1–6).

Eupsorus n. gen.? near *Omalium*, for *E. costatus* n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (45–46).

Geodromicus nn. spp. Russisch-Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1904, (77–78).

Holosus nn. spp. Sumatra, Gabun. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **54**, 1904, (13–15); *H. sinuatus* n. sp. **Bernhauer**, M. Stettiner ent. Ztg, **65**, 1904, (217); *H. tenuicornis* n. sp. Cameroun. **Fauvel**, A. Ark. Zool., Stockholm, **1**, 1–2, 1903, (236).

Hoplandria mirabilis n. sp. **Bernhauer**, M. Stettiner ent. Ztg, **65**, 1904, (237).

Indoscitalinus n. subgen. (*Xantholinus*). Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1–46).

Lathrobium bodemeyeri n. sp. Kleinasien. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **53**, 1903, (591–596).

Leistotrophus africanus n. sp. **Bernhauer**, M. Stettiner. ent. Ztg, **65**, 1904, (217–242).

Leptacinus apicipennis n. sp. **Bernhauer**, M. *l.c.* (234); *L. novae-hollandiae* Fol., note as to synonymy. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (67).

Leptusa anophthalma n. sp.; *L. flavicornis*, Vorkommen im Riesengebirge. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **53**, 1903, (591–596).

Lesteva, paläarktische Arten, nn. spp. Transkaspien. Italien, Syrien. **Luze**, G. Wien, Verh. ZoolBot. Ges., **53**, 1903, (187–192); *L. turkestanica* n. sp. Russisch-Central-Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1904, (76–77).

Liepinus nn. spp. Tonkin, Sumatra, Gabun, etc. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **54**, 1904, (10–12); *L. externepunctus* n. sp. Cameroun. **Fauvel**, A. Ark. Zool., Stockholm, **1**, 1–2, 1903, (235–236).

Medon mimeticus n. sp. **Fauvel** *in* **Bernhauer**, M. Stettiner. ent. Ztg, **65**, 1904, (224).

Megalops brevipennis n. sp. **Bernhauer**, M. *l.c.* (222).

Microglossa rugipennis n. sp. Russisch - Central - Asien. **Luze**, G. St. Peterburg, Hor. Soc. ent. Ross., **37**, 1904, (114–115).

Mycetoporus sibiricus n. sp. **Poppius**, B. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 16, 1904, (1–2).

Myrmedonia nn. spp. Southern Rhodesia **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (205–217); *M.* nn. spp. Congo. **Wasmann**, E. Zool. Jahrb., Jena, Suppl. **7**, 1904, (634); *M. clavigera* Fol., note as to variation. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (75).

Ocyusa hibernica Rye, note. **Newbery**, E. A. Ent. Mag., London, **40**, 1904, (251); *O. nigrata* Fairm., new to Britain. **Newbery**, E. A. *l.c.* (251).

Oedichirus nn. spp. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (61–62).

Olophrum interglaciale† n. sp. Sweden. **Mjöberg**, E. Stockholm, Geol. För. Förh., **26**, 1904, (493–497, with pl.).

Omalium arenarium n. sp. Kap. **Bernhauer**, M. Wien, Verh. ZoolBot. Ges., **54**, 1904, (16); *O. excellens* Bernh., Identität mit *O. falsum* Epp. **Bernhauer**, M. *l.c.* **53**, 1903, (591–596).

Osorius nn. spp. Afrika. **Bernhauer**, M. *l.c.* **54**, 1904, (17–19); *O. assiniensis* n. sp. Cameroun. **Fauvel**, A. Ark. Zool., Stockholm, **1**, 1–2, 1903, (238–239).

Oxytelus nn. spp. **Bernhauer**, M. Stettiner ent. Ztg, **65**, 1904, (219–221); *O.* nn. spp. Cameroun. **Fauvel**, A. Ark. Zool., Stockholm, **1**, 1–2, 1903, (237–238); *O.* nn. spp. Russisch-

Central-Asien. **Luze,** G. St. Peterburg, Hor. Soc. ent. Ross., **37,** 1904, (81–84).

Pachycorinus ganglbaueri n. sp. **Bernhauer,** M. Stettiner ent. Ztg, **65,** 1904, (234).

Paederus angulatus Macl., note as to synonymy. **Lea,** A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (63).

Parosorius n. gen. ~ (*Osorius*). **Bernhauer,** M. Stettiner ent. Ztg, **65,** 1904, (222).

Perinthus nn. spp. America Meridionali. **Wasmann,** E. Torino, Boll. Musei Zool. anat., **17,** No. 427, 1902, (1–6).

Philonthus nn. spp. Cameroun. **Fauvel,** A. Ark. Zool., Stockholm, **1,** 1–2, 1903, (240–242); *P.* nn. spp. Russisch-Central-Asien. **Luze,** G. St. Peterburg, Hor. Soc. ent. Ross., **37,** 1904, (94–98); *P.* (*Gabrius*) *tirolensis* n. sp. Oesterreich. **Luze,** G. Wien, Verh. ZoolBot. Ges., **53,** 1903, (386); *P. subcingulatus* Macl, note as to synonymy. **Lea,** A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (64).

Phloeonomus baicalensis n. sp. **Bernhauer,** M. Wien, Verh. ZoolBot. Ges., **53,** 1903, (591–596).

Pinophilus eppelsheimi n. sp. **Bernhauer,** M. Stettiner ent. Ztg., **65,** 1904, (223).

Platystethus nn. spp. Russisch-Central-Asien. **Luze,** G. St. Peterburg, Hor. Soc. ent. Ross., **37,** 1904, (85–87).

Polychelus n. gen., *P. aeneipennis* n. sp. Russisch-Central-Asien. **Luze,** G. *l.c.* (74–76).

Pygostenus nn. spp. Congo. **Wasmann,** E. Zool. Jahrb., Jena, Suppl. **7,** 1904, (646–648).

Quedius nn. spp. Russisch-Central-Asien. **Luze,** G. St. Peterburg, Hor. Soc. ent. Ross., **37,** 1904, (99–103); *Q.* (*Microsaurus*) *krausei* n. sp. Herzegowina. **Penecke,** K. A. Wr. Entomol. Ztg., Wien, **23,** 1904, (135–136); *Q. luridipennis* Macl., note as to synonymy. **Lea,** A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (65).

Scopaeus triangularis n. sp. Russisch-Central-Asien. **Luze,** G. St. Peterburg, Hor. Soc. ent. Ross., **37,** 1904, (90–91).

Scytoglossa n. gen., *S. delicata* n. sp. Russisch-Central-Asien. **Luze,** G. *l.c.* (109–112).

Staphylinus nn. spp. Russisch-Central-Asien. **Luze,** G. St. Peterburg, Hor. Soc. ent. Ross., **37,** 1904, (92–93); *S.* (*Ocypus*) *langei* n. sp. **Bernhauer,** M. Stettiner ent. Ztg., **65,** 1904, (235); *S. sjöstedti* n. sp. Cameroun. **Fauvel,** A. Ark. Zool., Stockholm, **1,** 1–2, 1903, (239–240).

Stenus parilis n. sp. Russisch-Central-Asien. **Luze,** G. St. Peterburg, Hor. Soc. ent. Ross., **37,** 1904, (88–89).

Stilicus anommatophilus n. sp. Congo. **Wasmann,** E. Zool. Jahrb., Jena, Suppl. **7,** 1904, (658).

Suniopsis politus n. sp. Australia. **Lea,** A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (67).

Sunius nn. spp. Australia. **Lea,** A. M. *l.c.* (68–70); *S. lithocharoides* ab. *quadrimaculatus* m., *S. gracilicornis* n. sp. Russisch-Central-Asien. **Luze,** G. St. Peterburg, Hor. Soc. ent. Ross., **37,** 1904, (89–90).

Sympolemon tiro n. sp. Congo. **Wasmann,** E. Zool. Jahrb., Jena, Suppl. **7,** 1904, (641).

Tachinus nn. spp. Kleinasien, Baikalgebiet **Bernhauer,** M. Wien, Verh. ZoolBot. Ges., **53,** 1903, (591–596); *T.* nn. spp. Ost-Sibirien. **Poppius,** B. Helsingfors, Öfvers. F. Vet Soc., **46,** No. 13, 1904, (1–6); *T. splendens* n. sp. Russisch-Central-Asien. **Luze,** G. St. Peterburg, Hor. Soc. ent. Ross., **37,** 1904, (103–104).

Tachyporus gracilicornis n. sp. Russisch-Central-Asien. **Luze,** G. *l.c.* (104–105); *T. pinkeri* n. sp. Oesterreich. **Luze,** G. Wien, Verh. ZoolBot. Ges., **53,** 1903, (197–198).

Termitonannus n. gen., *T. schmalzi*, *T. silvestrii*, *T. major* nn. spp. America meridionale. **Wasmann,** E. Torino, Boll. Musei Zool. anat., **17,** No. 427, 1902, (1–6).

Termitopsenius n. gen., *T. limulus* n. sp. America meridionale. **Wasmann,** E. *l.c.* (1–6).

Trilobitideus nn. spp. Congo. **Wasmann,** E. Zool. Jahrb., Jena, Suppl. **7,** 1904, (619–620).

Trogophloeus brasiliensis n. sp. **Bernhauer,** M. Wien, Verh. ZoolBot. Ges., **54,** 1904, (4–24); *T.* (*Thinodromus*) *brevicornis* n. sp. Russisch-Central-Asien. **Luze,** G. St. Peterburg, Hor. Soc. ent. Ross., **37,** 1904, (80–81); *T. klimai* n. sp. Kleinasien. **Bernhauer,** M. Wien, Verh. ZoolBot. Ges., **53,** 1903, (591–596).

Xantholinus nn. spp. **Bernhauer,** M. Stettiner ent. Ztg, **65,** 1904, (232–233); *X.* (*Indoscitalinus*) *albicornis* n. sp. Celebes. **Heller,** K. Dresden, Abh. zool. Mus., **9,** Nr. 5, 1901 (1–46); *X. alliffi* Lea, note as to validity; *X. phoenicopterus* Er., note as to variation. **Lea,** A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (65–66); *X. mocquerysi* n. sp. Cameroun. **Fauvel,** A. Ark. Zool., Stockholm, **1,** 1–2, 1903, (239).

Xylodromus opacus n. sp. Altai. **Bernhauer,** M. Wien, Verh. ZoolBot. Ges., **53,** 1903, (591–596).

Zyras plasoni n. sp. **Bernhauer,** M. Stettiner ent. Ztg, **65,** 1904, (240); *Z. sulcicollis* n. sp. Cameroun. **Fauvel,** A. Ark. Zool., Stockholm, **1,** 1–2, 1903, (243–244).

PSELAPHIDAE.

Aphiliops, Bemerkungen. **Reitter,** E. Wr. Entomol. Ztg, Wien, **20,** 1901, (229–230).

Ctenistomorphus claniticus n. sp. **Raffray,** A. Paris, Bul. soc. ent., **1903,** (185–186).

Machaerites glabratus found with *Ponera.* **Chitty,** A. J. London, Trans. Ent. Soc., **1904,** (Proc. XL).

Patreus n. gen. near *Sagola* for *P. lewisi* n. sp. New Zealand. **Broun,** T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (47).

Pselaphus chobauti n. sp. Algérie. **Normand,** H. Paris, Bul. soc. ent., **1903,** (191–192); *P. globirentris* n. sp. Sizilien. **Reitter,** E. Wr. Entomol. Ztg, Wien, **23,** 1904, (46).

Saulcyella n. gen., type *Trimium schmidti* Maerkel. **Reitter,** E. *l.c.* **20,** 1901, (229–230).

Sognorus peyerimhoffi n. sp. **Raffray,** A. Paris, Bul. soc. ent., **1903,** (186).

SCAPHIDIIDAE.

Scaphidium matthewsi n. nom. = *S. unicolor* Matth. **Csiki,** E. Wr. Entomol. Ztg, Wien, **23,** 1904, (85).

Scaphosoma reitteri n. nom. = *S. laeve* Guilleb. **Csiki,** E. *l.c.* (85).

HISTERIDAE.

Acritus nigricornis E. H. **Gerhardt,** J. Zs. Ent., Breslau, (N.F.), **28,** 1903, (12–13); *A. nigricornis,* Berichtigung. **Gerhardt,** J. D. ent. Zs., Berlin, **1904,** (368); *A. seminulum* und *nigricornis,* selbständige Arten? **Reitter,** E. Wr. Entomol. Ztg, Wien, **23,** 1904, (29–36).

Enicosoma n. gen., *E. vespertinum* n. sp. Brazil. **Lewis,** G. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (149, pl. VI, fig. 5).

Eutidium lepidum n. sp. Brazil. **Lewis,** G. *l.c.* (138).

Gnathoncus, Artübersicht. **Reitter,** E. Wr. Entomol. Ztg, Wien, **23,** 1904, (29–36).

Hister nn. spp., *H. pachysoma,* characters. **Lewis,** G. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (146, 147).

Hololepta dux n. sp. Cameroons. **Lewis,** G. *l.c.* (138).

Lioderma intersectum n. sp. Peru. **Lewis,** G. *l.c.* (139).

Macrolister n. gen. for *Hister gigas,* etc. **Lewis,** G. *l.c.* (145).

Niponius striaticeps n. sp. Borneo. **Lewis,** G. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (137, pl. VI, fig. 4).

Omalodes mestino n. sp. Peru. **Lewis,** G. *l.c.* (144).

Pachylister n. gen. for *Hister caffer,* etc. **Lewis,** G. *l.c.* (145).

Pachylomalus andrewesi n. sp. India. **Lewis,** G. *l.c.* (147).

Placodes brauni n. sp. S. Africa. **Lewis,** G. *l.c.* (142).

Plaesius mouhoti, P. planulus, P. laevis, re-described. **Lewis,** G. *l.c.* (140, 141).

Platylister sororius n. sp. India. **Lewis,** G. *l.c.* (142).

Platysoma capense = *P. henningi* Sturm, *sculptum* Fåhr, *P. punctulatum* Lew. **Lewis**, G. *l.c.* (144); *P. ruptistriatum* n. sp. Java. **Lewis**, G. *l.c.* (143).

Probolasternus termitophilus n. sp. S. Africa. **Lewis**, G. *l.c.* (148).

Saprinus nn. spp. S. America. **Lewis**, G. *l.c.* (150); *S.* nn. spp. Transcaspien, Buchard, Sudrüssland, etc. **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (29–36).

Teinotarsus latipes n. sp. Old Calabar. **Lewis**, G. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (145).

NITULIDAE.

Epuraea opacula n. sp. **Poppius**, B. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 16, 1901, (3–5).

Ips curvidens, Artberechtigung der Verwandten. **Bargmann**, A. Allg. Zs. Ent., Neudamm, **9**, 1904, (262–264); *I. sexdentatus* Boern, J. und *I. typographus* L. **Fuchs**, G. Natw. Zs. Landw., Stuttgart, **2**, 1904, (193–198).

Meligethes atomus n. sp. Congo belge. **Grouvelle**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (181).

TROGOSITIDAE.

Gaurambe fairmairei n. sp. **Léveillé**, A. Paris, Bul. soc. ent., **1903**, (107).

Temnochila nn. spp. **Léveillé**, A. *l.c.* (190–191).

COLYDIIDAE.

Anommatus 12-*striatus* Müll., introduced to Tasmania. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (78).

Antonium sulcatum Oliv. (*trisulcum* Fourc.), species of Colydiid new to Britain. **Pool**, C. J. C. Ent. Rec., London, **16**, 1904, (310).

Caprodes ater n. sp. Congo belge. **Grouvelle**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (181).

Cerylon ovale n. sp. Congo belge. **Grouvelle**, A. *l.c.* (182–183).

Illestus grouvellei Reitter, note as to synonymy. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (78).

RHYSODIDAE.

Rhysodes nn. spp. Australia. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (78–82).

CUCUJIDAE.

Dryocora walkeri n. sp. Australia. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (87).

Laemophlaeus diemenensis Blackburn, description of female, *L. frenchi* note as to variation. 6 nn. spp. Australia. **Lea**, A. M. *l.c.* (82–87); *L. notabilis* n. sp. Congo belge. **Grouvelle**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (183).

Laemotmetus rhizophagodes Walk. (as *Trogossita*) = *L. ferruginens* Gerst. = *Oryzaecus cathartoides* Reitt = *Asana rhizophagodes* Oll. **Arrow**, G. J. Ent. Mag., London, **40**, 1904, (36).

Platisus integricollis Reitter, description of larva. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (88).

Silvanus nn. spp. Congo belge. **Grouvelle**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (183–184).

CRYPTOPHAGIDAE.

Atomaria prolixa Er., *A. pulchra* Märk. i. litt. **Gerhardt**, J. Zs. Ent., Breslau, (N.F.), **29**, 1904, (83–84).

EROTYLIDAE.

Callilanguria asymmetrica n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1–46).

Neocoptenyx n. gen., *N. cyanipes* n. sp. Celebes. **Heller**, K. *l.c.* (1–46).

MYCETOPHAGIDAE.

Lithargus nn. spp. Congo belge. **Grouvelle**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (184-185).

COCCINELLIDAE.

General.

Weise, J. Synonymische Bemerkungen zu Gorham, Biologia Centrali-Americana, Vol. 7. *Coccinellidae*. D. ent. Zs., Berlin, **1904**, (357–364).

Special.

Adalia bipunctata, Varietäten aus Nord-Thüringen **Krausse** [sonst **Krausze**], A. H. Ent. Zs., Guben, **18**, 1904, (112); *A. bipunctata* L., Varietäten. **Reichert**, A. Ent. Jahrb., Leipzig, **13**, 1904, (179-181, mit 1 Taf.).

Chilocorus similis. **Marlatt**, C. L. Pop. Sci. Mon., New York, N.Y., **65**, 1904, (306-317, with text fig.).

Coccinella lyncea Ol. und verwandte Arten, *C. oncina* Olw. var. *sinaita* n. var. Sinai. **Weise**, J. *in* **Kneucker**, A. Wien, Verh. ZoolBot. Ges., **53**, 1903, (575–587).

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Mesocaelopus rufithorax n. sp. **Pic**, M. Echange, Lyon, **20**, 1904, (2–5, 9–10).

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Astylus, note sur le genre. **Pic**, M. *l.c.* **17**, 1902, (34–36); *A. longipennis* n. sp. **Pic**, M. *l.c.* **20**, 1904, (27–29).

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Cyrtosus subcylindricus n. sp.; *C. frigidus*: *syriaca* n. subsp. **Pic**, M. Echange, Lyon, **20**, 1904, (2–5).

Danacaea nn. spp. **Pic**, M. *l.c.* (2–3).

Dichelotarsus sulcithorax n. sp. Sibérie. **Pic**, M. *l.c.* (26).

Ebaeomorphus n. gen., *E. ramicornis* n. sp. **Pic**, M. *l.c.* (28).

Ebaeus bahiensis n. sp. **Pic**, M. *l.c.* (28).

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Malthinus flaricollis n. sp. **Pic**, M. Echange, Lyon, **20**, 1904, (4); *M.* (*Progeutes*) *longipennis* var. *flaripennis* n. var. Nord Africain. **Pic**, M. Paris, Bul. soc ent., **1903**, (155–157).

Malthodes nn. spp. Région méditeranéenne. **Bourgeois,** J. *l.c.* (152–154, av. fig.); *M.* nn. spp. Nord Afrique. **Bourgeois,** J. *l.c.* (219-221); *M.* (*Podistrina*) *arbaensis* n. sp. **Pic,** M. Echange, Lyon, **20,** 1904, (3).

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Platycis cosnardi : raddensis n. subsp. **Pic,** M. Echange, Lyon, **20,** 1904, (25–27).

Podabrus rosinae n. sp. Sibérie. **Pic,** M. *l.c.* (25).

Podistrina doderoi n. sp. **Bourgeois,** J. Paris, Bul. soc. ent., **1903,** (210–211).

Progeutis longipennis var. *flavicans* n. var. **Bourgeois,** J. *l.c.* (73-77).

Pseudocolotes nn. spp. **Pic,** M. Echange, Lyon, **20,** 1904, (11).

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Silis nigrifrons n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (237).

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Trichodes kraatzi Reitter. **Hintz,** E. D. ent. Zs., Berlin, **1904,** (420–422).

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Agonischius beauchenei n. sp. **Fleutiaux,** E. Paris, Bul. soc. ent., **1903,** (228–229).

Alaus sjöstedti n. sp. Kamerun. **Schwarz,** O. Ark. Zool., Stockholm, **1,** 1–2, 1903, (46-47).

Anoplischius nn. spp. Süd-Amerika. **Schwarz,** O. D. ent. Zs., Berlin, **1904,** (51–55); *A. basalis* Schw. *A. femoralis* Schw. **Schwarz,** O. *l.c.* (15); *A. mutabilis* Schw. **Schwarz,** O. *l.c.* (11).

Athous nn. spp., n. var. Spain. **Reitter,** E. Madrid, Bol. soc. esp. hist. nat., **4,** 1904, (236-240).

Atractosomus nn. spp. Süd-Amerika **Schwarz,** O. D. ent. Zs., Berlin, **1904,** (59–60); *A. testaceipennis* n. sp. Süd-Amerika. **Schwarz,** O. *l.c.* (70).

Campylus korbi n. sp. Sibérie. **Pic,** M. Echange, Lyon, **20,** 1904, (25).

Cardiophorus Esch., note sur le genre. **Pic,** M. Paris, Bul. soc. ent., **1902,** (305-307); *C. poncyi* n. sp. **Du Buysson,** H. *l.c.* **1903,** (129–131); *C. vetulus* n. sp. Kamerun. **Schwarz,** O. Ark. Zool., Stockholm, **1,** 1–2, 1903, (53).

Cardiorhinus nn. spp. Süd-Amerika. **Schwarz,** O. D. ent. Zs., Berlin, **1904,** (62–68).

Cephalodendron sicardi n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (235).

Cosmesus nn. spp. Süd-Amerika. **Schwarz,** O. D. ent. Zs., Berlin, **1904,** (69, 79–80).

Ctenicera pupieri n. sp. **Fleutiaux,** E. Paris, Bul. soc. ent., **1903,** (228–229).

Didymolophus n. gen., *D. perrieri* n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (235-236).

Grammophorus nn. spp. Süd-Amerika. **Schwarz,** O. D. ent. Zs., Berlin, **1904,** (71-72).

Horistonotus bicolor n. sp. **Rainbow,** W. J. Sydney, N.S.W., Rec. Austr. Mus., **5,** 1904, (246, fig. 37).

Ischiodontus nn. spp. Süd-Amerika. **Schwarz,** O. D. ent. Zs., Berlin, **1904,** (55-59).

Lobotarsus brevipennis n. sp. Kamerun. **Schwarz,** O. Ark. Zool., Stockholm, **1,** 1-2, 1903, (44-46).

Melanoxanthus archeducalis n. sp. Celebes. **Heller,** K. Dresden, Abh. zool. Mus., **9,** Nr. 5, 1901, (1-46); *M. cribricollis* n. sp. Iles Séchelles. **Fleutiaux,** E. Paris, Bul. Soc. ent., **1903,** (13-14).

Monocrepidius chilensis n. sp. Süd-Amerika. **Schwarz,** O. D. ent. Zs., Berlin, **1904,** (70).

Paracosmesus chiliensis n. sp. Süd-Amerika. **Schwarz,** O. *l.c.* (80).

Paradoxon n. gen., *P. antennale* n. sp. Madagascar. **Fleutiaux,** E. Paris, Bul. soc. ent., **1903,** (107-108).

Pomachilius nn. spp. Süd-Amerika. **Schwarz,** O. D. ent. Zs., Berlin, **1904,** (61-78).

Psephus nn. spp. Kamerun. **Schwarz,** O. Ark. Zool., Stockholm, **1,** 1-2, 1903, (47-52); *P. alluaudi* n. sp. Iles Séchelles. **Fleutiaux,** E. Paris, Bul. soc. ent., **1903,** (13-14).

Semiotus nn. spp. Süd-Amerika. **Schwarz,** O. D. ent. Zs., Berlin, **1904,** (49-50).

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Acmaeodera, synonymy and nn. spp. **Waterhouse,** C. O. *l.c.* (258-265); *A.* nn. spp. Syria and Spain. **Escalera,** M. de la. Madrid, Bol. soc. esp. hist. nat., **4,** 1904, (224-226); *A.* nn. spp. Wüste Gobi, Afghanistan. **Reitter,** E. Wr. Entomol. Ztg, Wien, **23,** 1904, (255-258).

Agriloides n. gen. for *Hydropica* Klug. **Kerremans,** C. *In*: Wytsman's Genera Insectorum, fasc. **12,** 1903, (264).

Agrilus nn. spp. Ceylon. **Théry,** A. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (161-165); *A. ambiguellus* n. nom. for *A. ambigus* Kerr. **Kerremans,** C. *In*: Wytsman's Genera Insectorum, fasc. **12,** 1903, (285); *A. fulvolineatus* n. nom. for *A. flavolineatus* C. and G. *l.c.* (269); *A. fugitivus* n. nom. for *A. fugax* Kerr. *l.c.* (271); *A. fossifer* n. nom. for *A. foveicollis* Kerr. *l.c.* (272); *A. grassator* n. nom. for *A. gracilicornis* Gangl. *l.c.* (285); *A. importunus* n nom. for *A. imbellis* Kerr. *l.c.* (286); *A. lewisi* n. nom. for *A. brevitarsis* Lew. *l.c.* (287); *A. lewisiellus* n. nom. for *A. gracilipes* Lew. *l.c.* (287); *A. protractus* n. nom. for *A. proximus* Baud. *l.c.* (289); *A. sub-frontalis* n. nom. for *A. frontalis* Fairm. *l.c.* (281).

Amorphosoma pyropyga n. sp. Sumatra. **Kerremans,** C. *l.c.* (289).

Amorphosternus bruchi n. sp. Tucuman. **Kerremans,** C. *l.c.* (256).

Ancylocheira marginicollis n. sp. Mouy-Tsé. **Fairmaire,** L. Paris, Bul. soc. ent., **1902,** (266-269).

Aphanisticus nn. spp., *A. aeneolus* n. nom. for *A. aeneus* Kerr. Africa. **Kerremans,** C. *In*: Wytsman's Genera Insectorum, fasc. **12,** 1903, (304-305).

Belgaumia n. gen. for *B. capucina* Kerr. **Kerremans,** C. *l.c.* (252).

Bergidora n. gen. for *Acmaeodera picturella. l.c.* (298).

Brachys nn. spp. S. America. **Kerremans,** C. *l.c.* (325-326).

Callimicra cylindera n. sp. Brazil. **Kerremans,** C. *l.c.* (331).

Castalia nn. spp. **Waterhouse**, C. O. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (252–253).

Chalcophoropsis rothschildi Gahan, description. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (231).

Chrysaspis nn. spp. **Waterhouse**, C. O. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (344–347).

Chrysobothris amurensis n. sp. **Pic**, M. Sibérie. Echange, Lyon, **20**, 1904, (25–27); *C. musae* n. sp. Ceylon. **Théry**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (160).

Chrysochroa nn. spp. **Waterhouse**, C. O. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (266).

Cisseicoraebus n. gen. for *C. grandis* Kerr. **Kerremans**, C. *In*: Wytsman's Genera Insectorum, fasc. **12**, 1903, (253).

Compsoglypha n. gen., *C. perrieri* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (233–234).

Cylindromorphoides n. gen. for *Taphrocerus agriliformis* Kerr. **Kerremans**, C. *In*: Wytsman's Genera Insectorum, fasc. **12**, 1903, (301).

Cylindromorphus juvenilis n. sp. E. Africa. **Kerremans**, C. *l.c.* (299).

Demochroa nn. spp. **Waterhouse**, C. O. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (265).

Dicerca, paläarctische Arten, *D. miranda* n. sp. **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (21–24); *D. corrugata* n. sp. Mouy-Tsé. **Fairmaire**, L. Paris, Bul. soc. ent., **1902**, (266–269).

Discoderes nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (234–235).

Endelus sulcicollis n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1–46).

Epimacha theryi n. sp. Andaman Islands. **Kerremans**, C. *In*: Wytsman's Genera Insectorum, fasc. **12**, 1903, (249).

Julodis nn. spp., nn. varr. Persia. **Abeille de Perrin**, E. Madrid, Bol. soc. esp. Hist. nat., **4**, 1904, (206–211).

Kamosia nn. spp. Africa. **Kerremans**, C. *In*: Wytsman's Genera Insectorum, fasc. **12**, 1903, (294).

Lampropepla n. nom. = *Madecassia*, *L. ophthalmica* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (231–232).

Leioplcura brasiliensis n. sp. Brazil. **Kerremans**, C. *In*: Wytsman's Genera Insectorum, fasc. **12**, 1903, (329).

Lius nn. spp. S. America. **Kerremans**, C. *l.c.* (322–323).

Melibaeopsis n. gen. for *M. obesa* Kerr. and *M. desegranata* Fairm. **Kerremans**, C. *l.c.* (239).

Nalanda n. gen., *N. horni* n. sp. Ceylon. **Théry**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (160–161).

Nastella n. gen., *N. fairmairei* n. sp. S. Africa. **Kerremans**, C. *In*: Wytsman's Genera Insectorum, fasc. **12**, 1903, (249–250).

Pachyschelus nn. spp. S. America. **Kerremans**, C. *l.c.* (318–320).

Paracastalia nn. spp. **Waterhouse**, C. O. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (249–251).

Phlocteis zanzibarica n. sp. Africa. **Kerremans**, C. *l.c.* (257).

Polybothris nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (232–233).

Polycesta, synonymy and nn. spp. **Waterhouse**, C. O. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (254–258).

Ptosima amalibis var. *hieroglyphica* n. var. Ceylon. **Théry**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (158–159).

Sphenoptera nn. spp. **Jakovlev**, V. E. St. Peterburg, Hor. Soc. Ent. Ross., **37**, 1904, (174–186); *S. horni* n. sp., *S. perroteti* var. *rugosirentris* n. var. Ceylon. **Théry**, A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (159); *S.* (*Hoplandroeneme*) *venusta* n. sp. Tiflis. **Jakovlev**, V. E. Rev. Russ. Ent., Jaroslavll, **4**, 1904, (309).

Steraspis arabica n. sp. **Waterhouse**, C. O. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (348).

Sternocera, synonymy and nn. spp. **Waterhouse**, C. O. *l.c.* (245–248).

Stigmodera cydista n. sp. **Rainbow**, W. J. Sydney, N.S.W., Rec. Austr. Mus., **5**, 1904, (246, fig. 36).

Taphrocerus minutus n. sp. Brazil. **Kerremans,** C. *In*: Wytsman's Genera Insectorum, fasc. **12**, 1903, (328).

Trachys nn. spp. Africa. **Kerremans,** C. *l.c.* (308–312); *T.* nn. spp. Ceylon. **Théry,** A. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (165–167).

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Gebien, H. Revision der Pycnocerini Lacord. (Coleoptera Heteromera.) D. ent. Zs., Berlin, **1904**, (101–176, 305–356).

Pomerancev, D. Notes biologiques . . . coléoptères vivant sous les écorces et utiles dans la sylviculture. (Russ.) Rev. russ. ent., Jaroslavlĭ, **4**, 2-3, 1904, (35-89).

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Special.

Acanthomera cursor n. sp. Cape Colony. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (252).

Acastus sebakuensis n. sp. Southern Rhodesia. **Péringuey,** L. *l.c.* (266).

Adesmia nn. spp. Namaqualand maj. **Péringuey,** L. *l.c.* (226–227).

Akis nn. spp. **Reitter,** E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (40, 43, 45).

Allecula lövendalii Reitt. new for Sweden. **Sandin,** F. Entomol. Tidskr., Stockholm, **23**, 1902, (62).

Amiantus pusillus n. sp. Transvaal. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (235).

Ammi'anemia n. subgen. (*Anemia*). **Reitter,** E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (132).

Anatolica hammarströmi n. sp. **Poppius,** P. Helsingfors, Öfvers. F.-Vet. Soc., **46**, No. 16, 1904, (12-13).

Anchophthalmus nn. spp. Mozambique. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (237).

Anomalipus nn. spp. Transvaal. **Péringuey,** L. *l.c.* (239–241, pl. XIII, figs. 9 and 10); Nov. Zool., Tring, **11**, 1904, (449–450).

Aphrotus n. nom. for *Xenus* Pér. olim. (preoccupied), *A. obortus* n. sp. Great Namaqualand. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (252).

Asemogena n. gen., *A. humilis*, *A. simplex* nn. spp. Cape Colony. **Péringuey,** L. *l.c.* (281–282).

Aulonolcus n. subgen. (*Lobothorax*). **Reitter,** E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (168, 169).

Cabirus nn. spp. **Reitter,** E. *l.c.* (64–68).

Calostega cylindrica n. sp. **Gebien,** H. D. ent. Zs., Berlin, **1904**, (175).

Catamerus nn. spp. Mozambique and Southern Rhodesia. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (250–251, pl. XIII, fig. 12).

Cherostus nn. spp. West Indies. **Arrow,** G. J. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (31–32).

Coelophus longipennis n. sp. Chine. **Fairmaire,** L. Paris, Bul. soc. ent., **1902**, (316-318).

Colpopatrum n. subgen. (*Opatrum*). **Reitter,** E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (148).

Colpotus punctipleuris n. sp. **Reitter,** E. *l.c.* (63).

Dendarus nn. spp. **Reitter,** E. *l.c.* (80, 84, 86, 89, 92).

Dendroscelis n. subgen. (*Dendarus*) for *D. serripes* n. sp. **Reitter,** E. *l.c.* (92).

Dichastops mashunus n. sp. Southern Rhodesia. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (244).

Diesteroma n. gen., *D. pulchrum* n. sp. **Péringuey,** L. *l.c.* (271–272).

Dilamus böhmi n. sp. **Reitter,** E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (71).

Discotus n. subgen. (*Lobothorax*) for *L. netuschili* n sp. **Reitter,** E. *l.c.* (161–162).

Dorelogena n. gen., *D. angusta*, *D. castanea* nn. spp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (280–281).

Dysgena nn. spp. Cape Colony. **Péringuey**, L. *l.c.* (276–279).

Endostomus sudanensis n. sp. Sudan. **Wasmann**, E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (10–11, with pl.); *E. rhodesianus* n. sp. Southern Rhodesia. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (242).

Eumylada n. subgen. (*Myladina*). **Reitter**, E. Brunn, Verh. Natf. Ver., 42, (1903), 1904, (170).

Eurycaulus granulatus n. sp. **Reitter**, E. *l.c.* (127).

Gonocephalum nn. spp. **Reitter**, E. *l.c.* (142, 146, 147).

Gonocnemis jaegerskioeldi n. sp. Sudan. **Wasmann**, E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (7–8, with pl.).

Haemus n. gen., *H. carinatipennis* n. sp. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (228–229).

Heliocrates n. subgen. (*Heliophilus*). **Reitter**, E. Brünn., Verh. Natf. Ver., **42**, (1903), 1904, (98–99).

Heliophilus nn. spp. **Reitter**, E. *l.c.* (98–103).

Hemipristis kraatzi n. sp. **Gebien**, H. D. ent. Zs., Berlin, **1904**, (127).

Hemitrichestes n. subgen. (*Lobothorax*). **Reitter**, E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (169).

Herpiscius damarinus n. sp. Damaraland. **Péringuéy**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (229).

Heterophylus nn. spp. **Reitter**, E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (69, 70).

Holaniara picescens Fairm., Lebensgeschichte. **Deventer**, W. van. Arch. Java Suiker., Soerabaia, **12**, 1904, (225–233, mit 1 Taf.).

Hoplambius n. subgen. (*Melambius*). **Reitter**, E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (114).

Hoplariobus n. subgen. (*Micrositus*). **Reitter**, E. *l.c.* (115).

Hoplonyx nn. spp. Natal. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (255–260); *H. termitophilus* n. sp. Sudan. **Wasmann**, E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (9–10, with pl.).

Lesbidana n. subgen. (*Melanesthes*). **Reitter**, E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (173).

Liloborus subtilimargo n. sp. **Reitter**, E. *l.c.* (113).

Lobothorax nn. spp. **Reitter**, E. *l.c.* (162–164, 169).

Lyprops nn. spp. Mozambique. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (243).

Melanesthes coriaria n. sp. **Reitter**, E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (173).

Mesomorphus nn. spp. **Reitter**, E. *l.c.* (74).

Metallonotus splendens n. sp. **Gebien**, H. D. ent. Zs., Berlin, **1904**, (318).

Micrantereus nn. spp. Cape Colony. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (245–250, pl. XIII, figs. 1–7).

Micrositus nn. spp. **Reitter**, E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (116, 118, 120, 121).

Miglica n. subgen. (*Melanesthes*). **Reitter**, E. *l.c.* (171).

Mimocellus n. gen., *M. trechoides*, *M. braunsi* nn. spp. Sudan. **Wasmann**, E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (11–12, with pl.).

Mongolesthes n. subgen. (*Melanesthes*). **Reitter**, E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (174).

Morica pharao n. sp. **Reitter**, E. *l.c.* (38).

Nannocerus nn. spp. Mozambique. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (270–271).

Nesogena caffra n. sp. Caffraria. **Péringuey**, L. *l.c.* (262).

Netuschilia n. gen. **Reitter**, E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (35).

Ochrolamus n. subgen. (*Dilamus*). **Reitter**, E. *l.c.* (73).

Odontopezus lucens n. sp. **Gebien**, H. D. ent. Zs., Berlin, **1904**, (310–311).

Olocrates nn. spp. **Reitter**, E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (93–95).

Opatronesthes n. subgen. (*Melanesthes*). **Reitter**, E. *l.c.* (174).

Opatropis n. gen. **Reitter**, E. *l.c.* (159).

Opatrum nn. spp. **Reitter**, E. *l.c.* (153, 155, 156, 158).

Pachypterus serrulatus n. sp. **Reitter**, E. *l.c.* (75).

Paragonocnemis traegaordhi n. sp. Sudan. **Wasmann**, E. Res. exped. Egypt, Uppsala, Pt. 1, 1904, (8–9, with pl.).

Paramarygmus nn. spp. Natal. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (261–262).

Paraphylax sternalis n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (57).

Pedinus nn. spp. **Reitter**, E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (56, 59, 61).

Pentholasius n. subgen. (*Clitobius*). **Reitter**, E. *l.c.* (178).

Penthomegus n. subgen. (*Lobothorax*). **Reitter**, E. *l.c.* (162).

Perichilus ditissimus n. sp. Natal, Transvaal. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (270).

Pheugonius giganteus n. sp. **Gebien**, H. D. ent. Zs., Berlin, **1904**, (157).

Phligra nn. spp. Cape Colony. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (236).

Phylax insignis n. sp. **Reitter**, E. Brünn, Verh. Natf. Ver., **42**, (1903), **1904**, (110).

Praogena nn. spp. Natal, Transvaal. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (273–276).

Prioscelis thomsoni n. nom. for *P. clauda*. **Gebien**, H. D. ent. Zs., Berlin, **1904**, (148).

Prosodes mithras n. sp. Persien. **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (255–258).

Prosodidius n. gen., *P. perrieri* n. sp. Madagascar. **Fairmaire**, L. Paris, Bul. soc. ent., **1903**, (67–70).

Psammodes nn. spp. Transvaal. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (230–233).

Pycnocerus nn. spp. **Gebien**, H. D. ent. Zs., Berlin, **1904**, (343–344).

Rhizalemus n. subgen. (*Dendarus*) **Reitter**, E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (90).

Scleron nn. spp. **Reitter**, E. *l.c.* (124–126).

Scleronimoa n. subgen. (*Eurycaulus*), for *E. granulatus*, *E. peyerimhoffi* nn. spp. **Reitter**, E. *l.c.* (127).

Scythis rectangulus n. sp. **Poppius**, B. Helsingfors, Öfvers. F. Vet. Soc., **46**, No. 16, 1904, (13–14).

Sipirocus kolbei n. sp. **Gebien**, H. D. ent. Zs., Berlin, **1904**, (169).

Solskyia subperegrina n. sp. **Reitter**, E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (49).

Sphenaria - Arten, Prioritätsfragen. **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (24–25).

Stenocara jurgatrix n. sp. Namaqualand. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (227).

Stonavus n. subgen. (*Lobothorax*). **Reitter**, E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (164).

Strongylium nn. spp. **Péringuey**. L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (263–269).

Syrphetodes nodosalis n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (56).

Tenebrio molitor, développement embryonnaire de l'appendice du premier segment abdominal. **Selys-Longchamps**, M. de. Bruxelles, Bul. Acad. roy., **1904**, (413–447, av. 1 pl.).

Tenebroides maroccanus var. *baillioti* n. var. **Léveillé**, A. Paris, Bul. soc. ent., **1903**, (190–191).

Trachymetus n. gen. **Reitter**, E. Brünn, Verh. Natf. Ver., **42**, (1903), 1904, (76).

Trachynotideus damarinus n. sp. Damara. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (234).

Trachynotus resolutus n. sp. Transvaal. **Péringuey**, L. *l.c.* (234).

Vutsimus nn. spp. Transvaal. **Péringuey,** L. *l.c.* (252–254).

Xanthothopeia delagoae n. sp. Mozambique. **Péringuey,** L. *l.c.* (273).

Xyloborus crenipennis Motsch. to *Cherostus*. **Arrow,** G. J. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (32).

CISTELIDAE.

Cteniopus nn. spp. Kleinasien. **Reitter,** E. Wr. Entomol. Ztg. Wien, **22,** 1903, (257–258); *C. koreanus* Seidl. var. *atricornis* n. var. Sibérie. **Pic,** M. Echange, Lyon, **20,** 1904, (25–27); *C. tokatensis* n. sp. Sibérie. **Pic,** M. *l.c.* (25–27).

Homotrysis ruficornis Macl., note as to variation. **Lea,** A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (94).

Isomira arenaria n. sp. **Gerhardt,** J. D. ent. Zs., Berlin, **1904,** (366–368); Zs. Ent., Breslau, (N.F.), **29,** 1904, (79–82); *I. testaceicornis* n. sp. Sibérie. **Pic,** M. Echange, Lyon, **20,** 1904, (25–27).

Microcistela n. gen., *M. rosinae* n. sp. Sibérie. **Pic,** M. *l.c.* (25–27).

Symtractus variabilis Macl., note as to variation. **Lea,** A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (93).

LAGRIIDAE.

Lagria nn. sp. Cape Colony. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (287–294).

AEGIALITIDAE.

General.

Wickham, H. F. On the systematic position of the *Aegialitidae*. Canad. Ent., Toronto, **36,** 1904, (356–357).

Special.

Aegialites, early stages, taxonomy. **Wickham,** H. F. Canad. Ent., Toronto, **36,** 1904, (57–60, pl. II).

MELANDRYIDAE.

Nuptes planatus Champ., note as to variation. **Lea,** A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (94).

PYTHIDAE.

Lissodema hybridum Er., note as to variation. **Lea,** A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (94).

Rhinosimus elephas n. sp. Tunisie. **Chobaut,** A. Paris, Bul. soc. ent., **1903,** (143).

PYROCHROIDAE.

Pyrochroa innotaticeps n. sp. (? var. de *cardinalis* Mem.). Sibérie. **Pic,** M. Echange, Lyon, **20,** 1904, (26).

ANTHICIDAE.

Anthicus nn. spp. N. America. **Casey,** T. L. Canad. Ent., Toronto, **36,** 1904, (320); *A.* nn. spp. Madagascar. **Pic,** M. Paris, Bul. soc. ent., **1902,** (334–337); *A.* nn. spp. **Pic, M.** Echange, Lyon, **20,** 1904, (12); *A.* nn. spp. Brésil. **Pic,** M. *l.c.* (44–45); *A. (Aulacoderus)-mediofasciatus* n. sp., *A. bisbipartitus* var. *oneili* n. var. Afrique australe. **Pic,** M. Paris, Bul. soc. ent., **1903,** (183–185); *A. superbus*, variabilité. **Chobaut,** A. *l.c.* (170–171); *A. superbus*, *A. maculicollis*. **Pic,** M. *l.c.* (212–213); *A. tarifanus* n. sp. Spain. **Pic,** M. Echange, Lyon, **20,** 1904, (4).

Euracusus n. gen., *E. coloradanus* n. sp. Colorado. **Casey,** T. L. Canad. Ent., Toronto, **36,** 1904, (318–319).

Falsoletolus n. subgen. Madagascar. **Pic,** M. Paris, Bul. soc. ent., **1903,** (143–146).

Formicomus elegans Lea, *F. obliquifasciatus* Lea, *F. posticalis* L., referred to *Anthicus*. **Lea,** A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (95).

Hylophilus grandis n. sp. **Pic,** M. Echange, Lyon, **20,** 1904, (2–5, 9–10); *H. pygidialis* n. sp. Madagascar. **Pic,** M. Paris, Bul. soc. ent., **1903,** (12–13);

H. (Falsoletolus) semiopacus n. sp. Madagascar. **Pic,** M. *l.c.* (143–146).

Leptoremus n. gen., *L. argenteus* n. sp. California. **Casey,** T. L. Canad. Ent., Toronto, **36,** 1904, (314–315).

Liobaulius n. gen., *L. subtropicus, L. lulinjensis, L spectans,* Texas, *L. fronteralis* Mexico nn. spp. **Casey,** T. L. *l.c.* (316–318).

Macratria nn. spp. Madagascar. **Pic,** M. Paris, Bul. soc ent., **1902,** (334–337).

Mecynotarsus caroli n. sp. Madagascar. **Pic,** M. *l.c.* (334–337).

Microtrachelus Brenske, description. **Péringuey,** L. Cape Town, Trans. S. Afric. Phil. Soc., **13,** 1904, (1–293, with 4 pls.).

Niptus hololeucus. **Israel,** W. Insektenbörse, Leipzig, **21,** 1904, (261); Falderm., der Messingkäfer. **Krancher,** O. *l.c.* (252–253); **Rudow.** *l.c.* (325).

Notoxus martini n. sp. **Pic,** M. Paris, Bul. soc. ent., **1903,** (79–83).

Ochthenomus impressiceps n. sp. Madagascar. **Pic,** M. *l.c.* **1902,** (334–337).

Pedilus pallidipennis var. *lateobscurus* n. var. **Pic,** M. *l.c.* **1903,** (79–83).

Scraptia nn. spp. Madagascar. **Pic,** M. *l.c.* **1902,** (334–337); *S.* nn. spp. Madagascar. **Pic,** M. *l.c.* **1903,** (12–13); *S. (Trotommideomorpha) trifasciata* n. sp. Madagascar. **Pic,** M. *l.c.* (143–146).

Tomoderus nn. spp. Afrique australe. **Pic,** M. *l.c.* (183–185).

OEDEMERIDAE.

Danerces bicolor n. sp. Australia. **Lea,** A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (100).

Oedemera amurensis Heyd. var. *obscurior* n. var. Sibérie. **Pic,** M. Echange, Lyon, **20,** 1904, (25–27).

MORDELLIDAE [INCL. RHIPIPHORIDAE].

General.

Alluaud, C. Note sur les Rhipiphorides de Madagascar, avec la diagnose d'une espèce nouvelle de Guinée, Paris, Bul. soc. ent., **1902,** (322–324).

Special.

Emenadia difficilis Blackb., note as to variation, 2 nn. spp. Australia. **Lea,** A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (96–97).

Evaniocera perthensis Blackb., note as to distribution, *E. gerstäckeri* Macl., note as to clothing, *E. pallidipennis* n. sp. **Lea,** A. M. *l.c.* (98–99).

Macrosiagon nn. spp. **Alluaud,** C. Paris, Bul. Soc. ent., **1902,** (322–324).

Mordella communis Wath. varr. *trivialis* Wath., *fugitiva* Lea, *aemula* Lea, *raymondi* L., notes. **Lea,** A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (95).

Rhypistena nn spp. New Zealand. **Brown,** T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (59).

CANTHARIDAE.

General.

Pomerancev, D. Notes biologiques . . . coléoptères vivant sous les écorces et utiles dans la sylviculture. (Russ.) Rev. russ. ent., Jaroslavlí, **4,** 2–3, 1904, (85–89).

Special.

Cantharis (Telephorus) de la collection Rey. **Pic,** M. Paris, Bul. soc. ent., (230–231); *C.* nn. varr. **Pic,** M. Echange, Lyon, **20,** 1904, (2); *C. convexicollis* Fairm. var. *chapelieri* n. var. **Bourgeois,** J. Paris, Bul. soc. ent., **1903,** (73–77); *C. raddensis* n. sp. Sibérie. **Pic,** M. Echange, Lyon, **20,** 1904, (25–27).

Decatoma nn. spp. Transvaal. **Péringuey,** L. Cape Town, Ann. S. Afric. Mus., **3,** 1904, (234).

Lytta nn. spp. Transvaal. **Péringuey,** L. *l.c.* (286).

Meloë rhodesianus n. sp. Southern Rhodesia. **Péringuey,** L. *l.c.* (282).

Mylabris (Ceroctis) mosambica n. sp. Mozambique. **Péringuey,** L. *l.c.* (283); *M. variabilis* Pall., ponte. **Du Buysson,** R. Paris, Bul. soc. ent., **1902,** (284–286).

Paractenodia n. gen., *P. parva* n. sp. Cape Colony. **Péringuey**, L. Cape Town, Ann. S. Afric. Mus., **3**, 1904, (285).

BRUCHIDAE.

Bruchus L., *Mylabris* Geoffr., synonymische Bemerkungen. **Schilsky**, J. D. ent. Zs., Berlin, **1904**, (455–456); *B. pisi*, description, habits, etc. **Rivera**, J. M. Rev. chilena, Valparaiso, **8**, 1904, (25–41).

Laria brachialis, nuisible aux plantes fourragères. **Marchal**, P. Paris, Bul. soc. ent., **1903**, (229).

CHRYSOMELIDAE.

General.

Jacoby, M. Another contribution to the knowledge of African phytophagous Coleoptera. London, Proc. Zool. Soc., **1904**, 1, (230–270, pl. XIII).

——— et **Clavareau**, H. Coleoptera Phytophaga, fam. *Donacidae*. *In*: Wytsman, Genera Insectorum, fasc. **21**, 1904, (1–14, with 1 pl.).

——— ——— Coleoptera Phytophaga, fam. *Crioceridae*. *l.c.* fasc. **23**, 1904, (1–40, with 5 pls.).

Lea, A. M. Notes on Australian and Tasmanian Cryptocephalides, with descriptions of new species. London, Trans. Ent. Soc., **1904**, (329–461, pls. XXII–XXVI).

Muir, F. and **Sharp**, D. On the egg-cases and early stages of some *Cassididae*. *l.c.* (1–24, pls. I–V).

Weise, J. . . . Hispiden aus Kamerun . . . Ark. Zool., Stockholm, **1**, 1–2, 1903, (61–63).

——— Synonymische Bemerkungen über Hispinen. D. ent. Zs., Berlin, **1904**, (457).

Special.

Acanthodes nn. spp. **Weise**, J. D. ent. Zs., Berlin, **1904**, (444–446).

Acanthonycha nn. spp. S. America. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (403–405).

Achaenops oneili n. sp. Cape Colony. **Jacoby**, M. *l.c.* 1, (249).

Aenidea nn. spp. Anamalais. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (401–403).

Agasicles n. gen., *Halticinae*, *A. vittata* n. sp. Peru. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (400–401).

Agetocera flava n. sp. Khasia Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (394–395).

Algoala n. gen. near *Melasoma*, *A. fulvicollis* n. sp. S. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (268).

Amblynetes n. gen. near *Syagrus* for *A. morio* n. sp. Africa. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (41–42).

Antipha nn. spp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (399–400).

Aphthona nigroscutellata n. sp. Galizien. **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (81–82).

Apolepis indica n. sp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (385–386).

Apophylia hebes n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (48); *A.* (*Malaxia*) *metallica* n. sp. Nilgiri and Khasia Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (397–398).

Asbecesta breviuscula n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (48).

Asphalesia tuta n. sp. **Weise**, J. *l.c.* (157–178).

Aspidomorpha, larvae and oothecae of several species described and figured. **Muir**, F. and **Sharp**, D. London, Trans. Ent. Soc., **1904**, (6–11); *A. sjöstedti* n. sp. Kamerun. **Spaeth**, F. Ark. Zool., Stockholm, **1**, 1–2, 1903, (176–177); *A. togoensis* n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (57).

Atropidius robustus n. sp. Anamalais. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (383).

Basipta stolida, larva and ootheca. **Muir**, F. and **Sharp**, D. London, Trans. Ent. Soc., **1904**, (7, 12, pls. II, V).

Blepharida nn. spp. Mexico. **Jacoby,** M. London, Proc. Zool. Soc., **1904,** 2, (406-407); *B. scripta* n. sp. Afrika. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1, 1904, (52)

Brachycaulus nn. spp. Australia. **Lea,** A. M. London, Trans. Ent. Soc., **1904,** (446–447).

Bradamina n. gen., *B. plicicollis* n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (268–269).

Cacoscelis abdominalis n. sp. Argentine. **Jacoby,** M. Ark. Zool., Stockholm, **1,** 1904, (520).

Cadmus nn. spp. Australia and Tasmania. **Lea,** A. M. London, Trans. Ent. Soc., **1904,** (449–454).

Callispa minima n. sp. Ceylon. **Gestro,** R. Firenze, Boll. Soc. entom., **34,** (1902), (trimestre 1°–2°), 1902, (50–60).

Casmenella n. gen., *C. natalense* n. sp. Natal. **Jacoby,** M. London, Proc. Zool. Soc., **1904,** 1, (266).

Cassida nn. spp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (270–275); *C. corpulenta* n. sp. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1, 1904, (173); *C. murraea,* neu für die finnische Fauna. **Nordström,** A. Helsingfors, Medd. Soc. Fauna et Fl. Fenn., **30,** 1904, (11–13); *C. sparsuta* n. sp. Afrika. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1, 1904, (56); *C. unimacula,* larva, *C. muirana* n. sp. **Muir,** F. and **Sharp,** D. London, Trans. Ent. Soc., **1904,** (13, 14, pl. V, fig. 26).

Cephalodonta nn. spp. **Weise,** J. D. ent. Zs., Berlin, **1904,** (439–443).

Cephalotia nn. spp. **Weise,** J. *l.c.* (437–439).

Ceralces affinis n. sp. Afrika. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1, 1904, (42).

Cerophysa nn. spp. Bengal, Nilgiri Hills. **Jacoby,** M. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (396–397)

Chaetocnema belli n. sp. India. **Jacoby,** M. *l.c.* (392).

Chalcolampra rufinoda n. sp. Australia. **Lea,** A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29,** 1904, (106).

Chapuisia nn. spp. Cameroons. **Jacoby,** M. Ark. Zool., Stockholm, **1,** 1-2, 1903, (231–232, with pl.).

Charidotis nn. spp. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1, 1904, (176–177).

Cheridella n. gen., *C. zambesiana* n. sp. Natal. **Jacoby,** M. London, Proc. Zool. Soc., **1904,** 1, (265–266).

Chirida breviuscula n. sp. Afrika. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1, 1904, (55).

Chlamys nn. spp. Central and S. America. **Jacoby,** M. Entomologist, London, **1904,** (197–201); *C.* nn. spp. Venezuela, Mexico. **Jacoby,** M. *l.c.* (293).

Chrysomela mulsa n. sp. Afrika. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1, 1904, (44).

Cleoporus nn. spp. Pondicherry. **Jacoby,** M. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (388).

Coelenomenodera sculptipennis n. sp. Madagascar. **Fairmaire,** L. *l.c.* (269).

Coenobius hauseri n. sp. Afrika. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1. 1904, (39); *C. melanocephalus* n. sp, Mashonaland. **Jacoby,** M. London, Proc. Zool. Soc., **1904,** 1, (248).

Colasposoma, synonymy and nn. spp. Africa. **Jacoby,** M. *l.c.* (258–262); *C.* nn. spp. Afrika. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1, 1904, (39–40); *C. camerunense* n. sp. Cameroons. **Jacoby,** M. Ark. Zool., Stockholm. **1,** 1–2, 1903, (229–230, with pl.).

Coptocycla nn. spp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (276); *C.* nn. spp. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1, 1904, (174–175); *C.* (?) *camerunensis* n. sp. **Spaeth,** F. Ark. Zool., Stockholm, **1,** 1–2, 1903, (178–179).

Corynodes clypeatus n. sp. Nilgiri Hills. **Jacoby,** M. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (389); *C. plagiatus* n. sp. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1, 1904, (162).

Crepidodera longicornis n. sp. Peru. **Jacoby,** M. London, Proc. Zool. Soc., **1904,** 2, (412).

Crioceris nn. spp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (262–263); *C. fasciata* n, sp. **Weise,** J. Arch. Natg.,

Berlin, **70**, Bd 1, 1904, (158); *C.* nn. spp. Malabar. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (381–382).

Cryptocephalus, synonymische Bemerkungen. **Weise**, J. D. ent. Zs., Berlin, **1904**, (16); *C.* nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (264–268); *C.* nn. spp. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**. 1, (242–247); *C.* nn. spp. Australia and Tasmania. **Lea**, A. M. London, Trans. Ent. Soc., **1904**, (392–424); *C.* nn. spp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (37–38); *C.* nn. spp. **Weise**, J. *l.c.* (159–160); *C. quinquepunctatus*, capture à Soisy-sur-Ecole (Seine et Oise). **Bourgoin**, A. Paris, Bul. soc. ent., **1902**, (258); *C. raddei*: *rosinae* n. subsp. *C. mannerheimi* nn. var. Sibérie. **Pic**, M. Echange, Lyon, **20**, 1904, (27); *C. subcostatus* n. sp. Anamalais. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (382–383).

Ctenochira aberrata n. sp. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (176).

Cyanaspis n. gen., *C. testaceicornis* n. sp. **Weise**, J. D. ent. Zs., Berlin, **1904**, (433–434).

Cynorta nigrobasalis n. sp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (400–401).

Dactylispa nn. spp. Ceylon. **Gestro**, R. Firenze, Boll. Soc. Entom., **34**, (1902), (trimestre, 1°–2°), 1902, (50 60); *D.* nn. spp. **Weise**, J. D. ent. Zs., Berlin, **1904**, (450–452).

Damia nn. spp. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (239, 240); *D. tibialis* n. sp. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (158).

Decatelia n. gen., *D. lema* n. sp. **Weise**, J. D. ent. Zs., Berlin, **1904**, (435–436, 452).

Demotina nn. spp. India. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (383 384).

Desmogramma nigripes n. sp. Argentine. **Jacoby**, M. Ark. Zool., Stockholm, **1**, 1904, (517).

Diabrotica nordenskiöldi n. sp. Argentine. **Jacoby**, M. *l.c.* (521–522).

Diantichus foveiventris n. sp. W. Australia. **Lea**, A. M. London, Trans. Ent. Soc., **1904**, (425).

Diapromorpha hauseri n sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (35).

Dioryctus laetus n. sp. **Weise**, J. *l.c.* (157–178).

Disonycha nn. spp. S. America. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (401–402).

Echtrusia capensis n. sp. Cape Colony. **Jacoby**, M. *l.c.* 1, (264).

Epitrix aeneicollis n. sp. Argentine. **Jacoby**, M. Ark. Zool., Stockholm, **1**, 1904, (519-520); *E. cucumeris*, habits. **Chittenden**, F. H. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44**, 1904, (96).

Eriotica perforata n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (53).

Eubrachys oneili n. sp. S. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (263).

Eumolpus vitis. **Behrens**, J. Wochenbl. landw. Ver. Baden, Karlsruhe, **1901**, (505-506); *E. vitis* als Traubenschädiger. **Stengele**, *l.c.* (327).

Euphitrea indica n. sp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (391).

Eurydemus nn. spp. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (249–250).

Euryope barkeri n. sp. Natal. **Jacoby**, M. *l.c.* (258); *E. säuberlichi* n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (41).

Fidia viticida, life history. **Felt**, E. P. Albany Univ., N. Y., Bull. St. Mus., No. **72**, 1903, (55 + 3 l, incl. cov., with pl., (partly col.), text-fig.); *F. viticida*, treatment. **Slingerland**, M. V. and **Craig**, J. Agric. Exp. Sta., New York, Cornell Station, Ithaca, Bull., No. **208**, 1902, (173-200, with 8 pls., 2 figs.); [review] Washington, D.C., U. S. Dept. Agric. Off. Exp. Sta. Rec., **14**, 1903, (888).

Galeruca sexcostata n. sp. Cashmere. **Jacoby**, M. Bruxelles. Ann. Soc. ent. Belgique, **48**, 1904, (405–406).

Galerucella interrupta n. sp. Argentine. **Jacoby,** M. Ark. Zool., Stockholm, **1,** 1904, (523-524); *G. luteola* in New York. **Felt,** E. P. Albany Univ., N.Y., Bull. St. Mus., No. **57,** 1902, (43, with text-fig., pl. (partly col.), map).

Gonophora taprobanae n. sp. Ceylon. **Gestro,** R. Firenze, Boll. Soc. entom., **34,** (1902), (trimestre 1°-2°), 1902, (50-60).

Gynandrophthalma nn. spp. S. Africa. **Jacoby,** M. London, Proc. Zool. Soc., **1904,** 1, (240-242).

Haltica boliviana n. sp. Bolivia and Argentine. **Jacoby,** M. Ark. Zool., Stockholm, **1,** 1904, (517-518).

Haplosoma nilgiriensis n. sp. India. **Jacoby,** M. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (396).

Haptoscelis melanocephala Panz. var. *baltica.* **Weise,** J. D. ent. Zs., Berlin, **1904,** (368).

Hermesia varicolor n. sp. Argentine. **Jacoby,** M. Ark. Zool., Stockholm, **1,** 1904, (514-515).

Hippuriphila catharinae n. sp. Brazil. **Jacoby,** M. London, Proc. Zool. Soc., **1904,** 2, (412).

Hispa aenescens from Formosa island, external characters. (Japanese) **Onugi,** S. Konch. Sek., Gifu, **8,** 1904, (443-445); *H. aurichalcea* n. sp. **Weise,** J. Arch. Natg., Berlin., **70,** Bd 1, 1904, (171); *H. opaca* n. sp. **Weise,** J. D. ent. Zs., Berlin, **1904,** (448).

Horatopyga reinecki n. sp. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1, 1904, (163).

Hyperaxis variegata n. sp. India. **Jacoby,** M. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (385).

Hypocassida flavescens n. sp. Afrika. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1. 1904, (56).

Isnus suturalis n. sp. Natal. **Jacoby,** M. London, Proc. Zool. Soc., **1904,** 1, (248).

Jacobya viridis n. sp. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1, 1904, (167).

Jamesonia evanescens n. sp. Afrika. **Weise,** J. *l.c.* (54).

Khasia andrewesi n. sp. Nilgiri Hills. **Jacoby,** M. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (398-399).

Laccoptera excavata, larva and ootheca. **Muir,** F. and **Sharp,** D. London, Trans. Ent. Soc., **1904,** (8, 15).

Lactica nn. spp. Central America. **Jacoby,** M. London, Proc. Zool. Soc., **1904,** 2, (396-399).

Leferrea fulricollis n. sp. Natal. **Jacoby,** M. *l.c.* 1, (263).

Lema nn. spp. Cameroons. **Jacoby,** M. Ark. Zool., Stockholm, **1,** 1-2, 1903, (226-228, with pl.); *L.* nn. spp. Africa. **Jacoby,** M. London, Proc. Zool. Soc., **1904,** 1, (230-235); *L. crispatifrons* n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (261-262); *L. paradoxa* n. sp. India. **Jacoby,** M. *l.c.* (380-381).

Leptispa nn. spp. **Weise,** J. D. ent. Zs., Berlin, **1904,** (436).

Liniscus interstitialis n. sp. Beira. **Jacoby,** M. London, Proc. Zool. Soc., **1904,** 1, (254).

Longitarsis nn. spp. India. **Jacoby,** M. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (389-390).

Loxopleurus nn. spp. Australia and Tasmania. **Lea,** A. M. London, Trans. Ent. Soc., **1904,** (430-444).

Luperodes impressus n. sp. Afrika. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1, 1904, (49); *L. lateralis* n. sp. Solomon Islands. **Jacoby,** M. Entomologist, London, **1904,** (296); *L. obesa* n. sp. Nilgiris. **Jacoby,** M. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (398).

Luperus nn. spp. Afrika. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1, 1904, (46-47).

Macetes nn. spp. Natal. **Jacoby,** M. London, Proc. Zool. Soc., **1904,** 1, (257).

Mastostethus nn. spp. S. America. **Jacoby,** M. Entomologist, London, **1904,** (63-67).

Megalognatha nn. spp. **Weise,** J. Arch. Natg., Berlin, **70,** Bd 1, 1904, (168-169).

Menius brevicornis n. sp. Beira. **Jacoby,** M. London, Proc. Zool. Soc., **1904,** 1, (251).

Miltinaspis n. gen. = *Cephalotia cassidioides* Guér. **Weise**, J. D. ent. Zs., Berlin, **1904**, (433–452).

Mimastra nn. spp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (395–396).

Miopristis nn. spp. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (236–237).

Monolepta nn. spp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (403–405); *M. famularis* n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (51).

Mouhotina salomonensis n. sp. Solomon Islands. **Jacoby**, M. Entomologist, London, **1904**, (295).

Nerisella n. gen., *Pseudocolaspinae*, *N. curculionoides* n. sp. Zambesi. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (267).

Nerisus viridipennis n. sp. Cameroons. **Jacoby**, M. Ark. Zool., Stockholm, **1**, 1–2, 1903, (228, with pl.).

Nisotra corpulenta n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (51); *N. sjöstedti* n. sp. Cameroons. **Jacoby**, M. Ark. Zool., Stockholm, **1**, 1-2, 1903, (230, with pl.).

Nodonota argentinensis n. sp. Argentine. **Jacoby**, M. *l.c.* (515-516).

Nodostoma camerunense n. sp. Africa. **Jacoby**, M London, Proc. Zool. Soc., **1904**, 1, (253); *N. fulvicorne* n. sp. India. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (387).

Nyctiphantus bergi n. sp. **Semenov**, V. St. Peterburg, Hor. Soc. Ent. Ross., **37**, 1904, (194-196).

Odontionycha sublesta n. sp. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (173).

Oides kanaraensis n. sp. Kanara. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (393-394); *O. straminea* n. sp. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (166).

Oxygona nn. spp. S. America. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (411).

Panilurus n. gen., *P. nilgiriensis* n. sp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (392–393).

Pausiris nn. spp. S. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (255-256).

Phascus bicolor n. sp. Afrika. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (39).

Phaulosis n. gen. (~ *Timarcha*), *P. aeneipennis* n. sp. **Weise**, J. *l.c.* (162–163).

Phygasia acutangula n. sp. Afrika. **Weise**, J. *l.c.* (54); *P. nigripennis* n. sp. Anamalais. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (391–392).

Phyllotreta nn. spp. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (170).

Plagiodera subparallela n. sp. **Weise**, J. *l.c.* (164).

Prasona peruviana n. sp. **Marcapata**. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (407).

Probaenia n. gen. **Weise**, J. D. ent. Zs., Berlin, **1904**, (447).

Prosmidia nn. spp. **Weise**, J. Arch. Natg., Berlin, **70**, Bd 1, 1904, (165).

Pseudirongius apicicornis n. sp. Natal. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (253).

Pseudocolaspis substriata n. sp. **Weise**, J. D. ent. Zs., Berlin, **1904**, (100).

Pseudogona nn. spp. S. America. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (409–410); *P. argentinensis* n. sp. Argentina. **Jacoby**, M. Ark. Zool., Stockholm, **1**, 1904, (520–521).

Rhembastus sjöstedti n. sp. Cameroons. **Jacoby**, M. *l.c.* 1–2, 1903, (228–229, with pl.).

Sagra humeralis n. sp. Tonkin. **Jacoby**, M. Entomologist, London, **1904**, (294); *S. senegalensis*, Männchen oder Weibchen? **Jacoby**, M. Insektenbörse, Leipzig, **21**, 1904, (301).

Scelodonta nn. spp. S. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (264, 266).

Schizosternus nn. spp. Australia. **Lea**, A. M. London, Trans. Ent. Soc., **1904**, (426–427).

Sclerophaedon orbicularis Suffr. **Weise**, J. D. ent. Zs., Berlin, **1904**, (47–48).

Sebaethe pallidicincta n. sp. Nilgiri Hills. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (390–391).

Sindiola (*Aspidomorpha*) *parallelipennis* n. sp. Birma. **Spaeth**, E. Entomol. Tidskr., Stockholm, **24**, 1903, (111–112, with pl.).

Sophraenella n. gen., *S. fulva* n. sp. Amazons. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (405–406).

Stigmomela n. nom. = *Stictomela*. Weise. **Csiki**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (85).

Syagrus nn. spp. Africa. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (251–252).

Sybriacus picipes n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (263–264).

Systena nn. spp. S. America. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 2, (408–409).

Terpnochlorus n. gen., *T. perrieri* n. sp. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (269).

Thoracispa brunni n. sp. **Weise**, J. D. ent. Zs., Berlin, **1904**, (449).

Timarchella n. gen. near *Timarcha*, *T. braunsi* n. sp. Cape Colony. **Jacoby**, M. London, Proc. Zool. Soc., **1904**, 1, (268–269).

Titubaea nn. spp. Africa. **Jacoby**, M. *l.c.* (238–239).

Trichotheca durivieri n. sp. Anamalais. **Jacoby**, M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (386).

Tricliona sulcipennis n. sp. India. **Jacoby**, M. *l.c.* (388–389).

Vitruvia n. gen., *V. glabripennis* n. sp. Cameroons. **Jacoby**, M. Ark. Zool., Stockholm, **1**, 1–2, 1903, (232–233).

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Special.

Agaleptus n. gen. for *Closteremerus quadrinotatus* Pér. **Gahan**, J. C. *In*: Distant, Insect. Transvaal, London, **1**, 1904, (122).

Aliturus fusculus n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (254).

Anauxesis simplex n. sp. Brit. E. Africa. **Jordan**, K. Nov. Zool., Tring, **11**, 1904, (365).

Anisogaster brunneus n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (254–255).

Anobium n. gen., *A. oberthüri* n. sp. Bolivie. **Belon**, P. R. Paris, Bul. soc. ent., **1902**, (333–334).

Anoplistes jacobsoni n. sp. Turkestan. **Baeckmann**, J. Rev. Russ. Ent., Jaroslavlí, **4**, 1904, (311–312).

Arctobamia fruhstorferi n. sp. Tonkin. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **23**, 1902, (208–209).

Artelida caligata n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (255).

Bangalaia callosa n. sp. Kamerun. **Aurivillius**, C. Entomol. Tidskr., Stockholm, **24**, 1903, (273).

Bisaltes bimaculatus n. sp. Bolivia. **Aurivillius**, C. *l.c.* **25**, 1904, (207–208).

Bothynoscelis n. gen., *B. tridentata* n. sp. Kamerun. **Aurivillius**, C. *l.c.* **24**, 1903, (270–271, with pl.).

Cacia triangulifera n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (2–46).

Caedomaea nn. spp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (259-260).

Caenoptera marmottani, description de la larve. **Lavagne,** H. Echange, Lyon, **17,** 1902, (72-73).

Calanthemis hauseri n. sp. Brit. E. Africa. **Jordan,** K. Nov. Zool., Tring, **11,** 1904, (364).

Callergates n. subgen. (*Ergates*) for *E. gaillardoti* Chevrol. **Lameere,** A. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (47).

Callichroma nn. spp. Kamerun. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **24,** 1903, (262-263).

Callidium (*Lioderes*) *türki* Ganglb., synonyme. **Pic,** M. Paris, Bul. soc. ent., **1903,** (127-129).

Callipogon nn. spp. Mexique, Porto Rico, Pérou. **Lameere,** A. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (56-57, 60-61, 66).

Callomegas n. subgen. (*Callipogon*) for *Prionus sericeus* Oliv. **Lameere,** A. *l.c.* (64-65).

Calloplophora fruhstorferi n. sp. Tonkin. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **23,** 1902, (209).

Caloclytus krantzi n. sp. Transvaal. **Gahan,** C. J. *In*: Distant, Insect. Transvaal, London, **1,** 1904, (123, pl. XI, fig. 19).

Carneades quadrinodosa n. sp. Columbia. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **23,** 1902, (224).

Cerambyx cerdo, Häufigkeit im Scheitniger Park während der Sommermonate. **Dittrich,** [R.]. Zs. Ent., Breslau, (N.F.), **28,** 1903, (XVII).

Charicsthes tripunctata n. sp. Kamerun. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **24,** 1903, (274, with pl.).

Closteromerus regalis n. sp. Transvaal. **Distant,** W. L. Insect. Transvaal., London, **1,** 1904, (121, pls. X, XI, fig. 7).

Clytus rhamni var. *longicollis* Dobrutscha. **Reitter,** E. Wr. Entomol. Ztg, Wien, **23,** 1904, (81-82).

Cochliopselaphus catherina var. *maricovensis* n. var. **Distant,** W. L. Insect. Transvaal., London, **1,** 1904, (141).

Colobothea nn. spp. S. America. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **23,** 1902, (209-223).

Coptoeme n. gen., *C. oculata, C. triguttata* nn. spp. Africa. **Aurivillius,** C. Ark. Zool., Stockholm, **1,** 1904, (313, 314).

Cordylomera cylindricollis n. sp. Kamerun. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **24,** 1903, (261); *C. elegans* n. sp. Transvaal. **Distant,** W. L. Insect. Transvaal., London, **1,** 1904, (115, pl. X, fig. 6).

Crossotus bimaculatus n. sp. East Africa. **Aurivillius,** C. Ark. Zool., Stockholm, **1,** 1904, (323-324); *C. hovanus* n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (257); *C. penicillatus* n. sp. Transvaal. **Gahan,** C. J. *In*: Distant, Insect. Transvaal., London, **1,** 1904, (146, pl. XIV, fig. 10).

Cyrtocris n. gen., *C. fulvicornis* n. sp. East Africa. **Aurivillius,** C Ark. Zool., Stockholm, **1,** 1904, (321-323, with pl.).

Dere nigrita n. sp. Transvaal. **Gahan,** C. J. *In*: Distant, Insect. Transvaal., London, **1,** 1904, (124, pl. XI, fig. 22).

Derechinus delatouchei n. sp. Chine. **Fairmaire,** L. Paris, Bul. soc. ent., **1902,** (316-318).

Derolus brunneipennis n. sp. Transvaal. **Gahan,** C. J. *In*: Distant, Insect. Transvaal., London, **1,** 1904, (113, pl. X, fig. 5).

Desmiphora grisea n. sp. Bolivia. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **25,** 1904, (208).

Diadelia atmosparsa n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (260).

Didymodonta n. gen., *D. olivascens* n. sp. Kamerun. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **24,** 1903, (271-272, with pl.).

Dityloderus (?) *balteatus* n. sp. Africa. **Aurivillius,** C. Ark. Zool., Stockholm, **1,** 1904, (316-317).

Domitia nitidissima n. sp. Kamerun. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **24,** 1903, (269).

Dorcadion neilense and its allies. **Nicholas,** A. Zaragoza, Bol. Soc. Arag., **3,** 1904, (35–40).

Enaretta exigua n. sp. Transvaal. **Gahan,** C. J. *In*: Distant, Insect. Transvaal., London, **1,** 1904, (152, pl. XV, fig. 7).

Erlandia n. gen., *E. inopinata* n. sp. Bolivia. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **25,** 1904, (205–207).

Eugoides n. gen. near *Eugoa*. *E. coeruleipennis* n. sp. Africa. **Aurivillius,** C. Ark. Zool., Stockholm, **1,** 1904, (314–315).

Eumimetes nn. spp. Kamerun. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **24,** 1903, (277–278, with pl.).

Eunidia nn. spp. Transvaal. **Gahan,** C. J. *In*: Distant, Insect. Transvaal., London, **1,** 1904, (149–151).

Exocentrus nn. spp. Transvaal. **Gahan,** C. J. *l.c.* (155–156).

Frea reticulata n. sp. S. Africa. **Distant,** W. L. *l.c.* (144, pl. XIV, fig. 4).

Glenea nn. spp. Kamerun. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **24,** 1903, (280, with pl.); Ark. Zool., Stockholm, **1,** 1904, (324–328, with pl.).

Hecyrida plagicollis n. sp. Transvaal. **Gahan,** C. J. *In*: Distant, Insect. Transvaal., London, **1,** 1903, (147, pl. XV, fig. 5).

Hercodera pulchella n. sp. Transvaal. **Gahan,** C. J. *l.c.* (115, pl. X, fig. 24).

Hoplorama perrieri n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (258–259).

Hypocrites aureovittatus n. sp. Africa. **Aurivillius,** C. Ark. Zool., Stockholm, **1,** 1904, (316).

Icariotes alboscutata n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (255).

Idactus fasciculosus n. sp. Africa. **Aurivillius,** C. Ark. Zool., Stockholm, **1,** 1904, (318–319).

Lentalius n. gen., *L. obliquepictus* n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (256–257).

Leptura fulva in South Sweden. **Muchardt,** H. Entomol. Tidskr., Stockholm, **23,** 1902, (27); *L. maculata*, Tonapparat (Stridulationsorgan). **Scholz,** R. Insektenbörse, Leipzig, **21,** 1904, (268-269); *L. rubra* L. ♂, Hermaphrodit. **Bickhardt,** H. D. ent. Zs., Berlin, **1904,** (303).

Lioderes bodemeyeri Reitt (1903), synonyme. **Pic,** M. Paris, Bul. soc. ent., **1903,** (127–129).

Lycosomus n. gen., *L. mirabilis* n. sp Kamerun. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **24** 1903, (265–267, with pl.).

Lygrus testaceus n. sp. Transvaal. **Gahan,** C. J. *In*: Distant, Insect. Transvaal., **1,** 1904, (109, pl. X, fig. 9).

Lyramela n. gen. near *Lygrus*, *L. sulcipennis* n. sp. Transvaal. **Gahan,** C. J. *l.c.* (109–110).

Marocaulus granicollis n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (254).

Mecotagus rufulosparsus n. sp. Mouy-Tsé. **Fairmaire,** L. Paris, Bul. soc. ent., **1902,** (266–269).

Metallichroma n. gen., *M. excellens* n. sp. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **24,** 1903, (263–265, with pl.).

Mimocoptops bipenicillatus n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. soc. ent. Belgique, **48,** 1904, (256).

Monochamus nn. spp. Kamerun. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **24,** 1903, (267–268).

Murosternum maculatum n. sp. Kamerun. **Aurivillius,** C. *l.c.* (275, with pl.).

Myrsinus n. gen., *M. modestus* n. sp. **Gahan,** C. J. *In*: Distant, Insect. Transvaal., London, **1,** 1904, (116, pl. X, fig. 21).

Nemophas helleri n. sp. **Hauser,** G. D. ent. Zs., Berlin, **1904,** (12).

Neopolyarthron n. subgen. (*Prionus*) **Semenov,** A. Rev. russ. ent., Jaroslavli **4,** No. 1, 1904, (37–39).

Nicarete nn. spp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (257–258).

Niphoparmena n. gen. near *Mycerinodes*. *N. bispinosa* n. sp. Africa. **Aurivillius,** C. Ark. Zool., Stockholm, **1,** 1904, (318).

Obereopsis linearis n sp. Kamerun. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **24,** 1903, (282).

Oemida n. gen. for *Paroeme gahani* Dist. **Gahan,** C. J. *In*: Distant, Insect. Transvaal., London, **1,** 1904, (106).

Oemodana n. gen., *O. quadrinotata* n. sp. Lydenburg. **Gahan,** C. J. *l.c.* (107, pl. XIII, fig. 5).

Olenecamptus nubilis n. sp. Brit. E. Africa. **Jordan,** K. Nov. Zool., Tring, **11,** 1904, (365); *O. olenus* n. sp. Transvaal. **Gahan,** C. J. *In*: Distant, Insect. Transvaal., London, **1,** 1904, (143, pl. XIV, fig. 1).

Oncideres stillata n. sp. Bolivia. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **25,** 1904, (208).

Pachydissus pauper n. sp. Transvaal. **Gahan,** C. J. *In*: Distant, Insect. Transvaal., London, **1,** 1904, (113, pl. X, fig. 8).

Peritragus n. gen. near *Tragiscoschema* and *Spilotragus*. *P. nigroapicalis* n. sp. East Africa. **Aurivillius,** C. Ark. Zool., Stockholm, **1,** 1904, (320-321).

Phantasis mystica n. sp. Transvaal. **Distant,** W. L. Insect. Transvaal., London, **1,** 1904, (127, pl. XI, fig. 13).

Planodes stratus n. sp. Celebes. **Heller,** K. Dresden, Abh. zool. Mus., **2,** Nr. 5, 1901, (1-46).

Poemonesperus nivicollis n. sp. Kamerun. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **24,** 1903, (275-276, with pl.).

Praonetha nn. spp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (260-261).

Prosopocera cylindrica n. sp. Kamerun. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **24,** 1903, (272); *P. ertli* n. sp. Africa. **Aurivillius,** C. Ark. Zool., Stockholm, **1,** 1904, (319).

Psathyrus suturalis n. sp. Transvaal. **Gahan,** C. J. *In*: Distant, Insect. Transvaal., London, **1,** 1904, (107, pl. XIII, fig. 1).

Sangaris octomaculata n. sp. Brasilien. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **23,** 1902, (223-224).

Saperda, monograph of the genus, *S. imitans* n. sp. **Felt,** E. P. and **Joutel,** L. H. Albany Univ., N.Y., Bull. St. Mus., No. **74,** 1904, (86 + 3 l., incl. cover, with pl. (partly col.), text fig.).

Somatidia testudo n. sp. New Zealand. **Broun,** T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (127).

Sophronica fulricollis n. sp. Transvaal. **Gahan,** C. J. *In*: Distant, Insect. Transvaal., London, **1,** 1904, (154, pl. XV, fig. 15).

Sphenura semiluctuosa n. sp. Mouy-Tsé. **Fairmaire,** L. Paris, Bul. soc. ent., **1902,** (266-269).

Sternotomis carbonaria n. sp. Africa. **Aurivillius,** C. Ark. Zool., Stockholm, **1,** 1904, 320; *S. euchroma* n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (255-256).

Strangalia mirabilis n. sp. Tonkin. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **23,** 1902, (207-208).

Symmpsertia gracilis n. sp. Kamerun. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **24,** 1903, (281-282).

Tapinolachnus aurivillianus n. sp. Transvaal. **Distant,** W. L. Insect. Transvaal., London, **1,** 1904, (112, pl. IX, fig. 15).

Theticus caudatus n. sp. Kamerun. **Aurivillius,** C. Entomol. Tidskr., Stockholm, **24,** 1903, (278-279, with pl.).

Timoreticus imbellis n. sp. Transvaal. **Gahan,** C. J *In*: Distant, Insect. Transvaal., London, **1,** 1904, (132, pl. XII, fig. 1).

Toxeutes pascoei n. sp. Australie. **Lameere,** A. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (21-23).

Tragocephala gemina n sp. Transvaal. **Distant,** W. L. Insect. Transvaal., London, **1,** 1904, (136, pl. XII, fig. 13).

Zamium laevicolle n. sp. Brit. E. Africa. **Jordan,** K. Nov. Zool., Tring, **11,** 1904, (364).

ANTHRIBIDAE.

General.

Jordan, K. American *Anthribidae*. Nov. Zool., Tring, **11,** 1904, (242-339).

SPECIAL.

Acorynus nn. spp. **Jordan,** K. Nov. Zool., Tring, **11,** 1904, (232).

Allandrus indistinctus n. sp. Bolivia. **Jordan,** K. *l.c.* (242).

Anthrenosoma n. gen., *A. bohlsi, A. tibialis, A. gounellei* nn. spp. **Jordan,** K. *l.c.* (282).

Anthribus nn. spp., nn. subspp. Oriental. **Jordan,** K. *l.c.* (235); *A.* nn. spp. S. America. **Jordan,** K. *l.c.* (296–300); *A. planatus* n. sp. Gold coast. **Jordan,** W. K. *l.c.* (239).

Apolecta nn. spp. Oriental. **Jordan,** K. *l.c.* (236–237).

Asemorhinus sportella n. sp. Sumatra, Borneo. **Jordan,** K. *l.c.* (234).

Barra n. gen., *B. gounellei* n. sp **Jordan,** K. *l.c.* (275).

Blaberops n. gen. near *Blaberus, B. macrocerus* n. sp. Usambara. **Jordan,** K. *l.c.* (239).

Caccorhinus obscurus n. sp. Celebes. **Jordan,** K. *l.c.* (236).

Corrhecerus nn. spp. S. America. **Jordan,** K. *l.c.* (271).

Dasyrhopala n. gen. near *Discotenes, D. tarsalis* n. sp. Brazil. **Jordan,** K. *l.c.* (272).

Discotenes consors n. sp. Peru. **Jordan,** K. *l c.* (272).

Domoptolis n. gen. for *Gymnognathus menetriesi* Boh. **Jordan,** K. *l.c.* (252).

Epitaphius lunatus n. sp. E. Africa. **Jordan,** K. *l.c.* (240).

Erotylopsis n. gen. near *Euparius, E. pujoli* n. sp. Brazil. **Jordan,** K. *l.c.* (308–309).

Eucyclotropis n. gen. near *Discotenes, E. striata, E. pustulata* nn. spp. S. America. **Jordan,** K. *l.c.* (308–309).

Eujonodes n. gen. near *Eugonus, E. brevirostris, E. marmoreus* nn. spp. Brazil. **Jordan,** K. *l.c.* (302–303).

Eugonops n. gen., *E. clericus, E. germaini* nn. spp. S. America. **Jordan,** K. *l.c.* (285).

Eugonus nn. spp. S. America. **Jordan,** K. *l.c.* (300–301).

Euparius nn. spp. S. America. **Jordan,** K. *l.c.* (303–308).

Euphloeobius n. gen. near *Phloeobius, E. asellus* n. sp. E. Africa. **Jordan,** K. *l.c.* (239).

Eusphyrus nn. spp. S. America. **Jordan,** K. *l.c.* (290–291).

Exechontis n. gen. near *Gibber, E. sparsa* n. sp. Brazil. **Jordan,** K. *l.c.* (283–284).

Goniocloeus n. gen., *G. apicalis, G. baccatus, G. capucinus, G. hirsutus, G. melas, G. minor, G. tarsalis, G. umbrinus* nn. spp. **Jordan,** K. *l.c.* (260–264).

Gymnognathus nn. spp. S. America. **Jordan,** K. *l.c.* (242–251).

Habrissus tonkinianus n. sp. Tonkin. **Jordan,** K. *l.c.* (234).

Homocloeus n. gen., *H. concolor, H. dorsalis, H. femoralis, H. vestitus.* nn. spp. S. America. **Jordan,** K. *l.c.* (264–266).

Lagopezus lugubris n. sp. Rio de Janeiro. **Jordan,** K. *l.c.* (275).

Litocerus sticticus n. sp. Tonkin. **Jordan,** K. *l.c.* (233).

Mecocerus callosus n. sp. Tonkin. **Jordan,** K. *l.c.* (231); *M. hauseri* n. sp. West Africa. **Jordan,** K. *l.c.* (238).

Mecotropis cylindricus n. sp. Tonkin. **Jordan,** K. *l.c.* (230).

Monocloeus n. gen., *M. annulipes, M. basalis, M. centralis, M. costatus, M. elaphrinus, M. idacus, M. niger, M. rhombifer, M. sordidus, M. spiniger* nn. spp. S. America. **Jordan,** K. *l.c.* (255–260).

Nemotrichus nn. subspp., nn. spp. S. America. **Jordan,** K. *l.c.* (269–270).

Nessiara nn. spp. Tonkin. **Jordan,** K. *l.c.* (233–234).

Ormiscus, synonymy, classification and nn. spp. S. America. **Jordan,** K. *l.c.* (286–290).

Orthotropis n. gen. near *Gymnognathus, O. quadrata* n. sp. Brazil. **Jordan,** K. *l.c.* (254).

Paranthribus n. gen., *P. rufescens* n. sp. Bahia. **Jordan,** K. *l.c.* (283).

Parexillis n. gen., *P. lineatus* n. sp. Brazil. **Jordan,** K. *l.c.* (284–285).

Phaenithon nn. spp. S. America. **Jordan,** K. *l.c.* (292–295).

Phloeobius nn. spp. E. Africa. **Jordan,** K. *l.c.* (240, 241).

Physopterus oculatus n. sp. Tonkin. **Jordan**, K. *l.c.* (231).

Piezocorynus nn. spp. S. America. **Jordan**, K. *l.c.* (277–280),

Piezonemus n. gen. near *Piezocorynus*, *P. durus*, *P. lateralis* nn. spp. Brazil. **Jordan**, K. *l.c.* (275–276).

Scymnopis n. gen., *S. suturalis* n. sp. Bolivia. **Jordan**, K. *l.c.* (242–309).

Strabops n. gen. near *Gymnognathus*. *S. insignis* n. sp. Amazons. **Jordan**, K. *l.c.* (253).

Sympaector fruhstorferi n. sp. Tonkin. **Jordan**, K. *l.c.* (233).

Trachytropis n. gen., *T. asper* n. sp. Mexico. **Jordan**, K. *l.c.* (266).

Urodon nn. spp. Algier, Buchard, Anatolien. **Schilsky**, J. Wr. Entomol. Ztg, Wien, **23**, 1904, (78).

Xenocerus lautus n. sp. Tonkin. **Jordan**, K. Nov. Zool., Tring, **11**, 1904, (230).

CURCULIONIDAE.

General.

Champion, G. C. Coleoptera. *Curculionidae*. Biol. centr.-amer., London, Vol. 4, Pt. 4, **1904**, (313–440, pls. XVII–XXI).

Enderlein, G. Die Rüsselkäfer der Crozet-Inseln, nach dem Material der deutschen Südpolar - Expedition. 4. Beitrag zur Kenntnis der antarktischen Fauna. Zool. Anz., Leipzig, **27**, 1904, (668–675).

Fleutiaux, E Observation biologique. Paris, Bul. soc. ent., **1903**, (167).

Petri, K. Monographie des Coleopteren-Tribus Hyperini. [Nagyszeben], 1901, (IV + 210, mit 3 Taf. 58 Text figs).

Porta, A. Sulla filogenia degli Scarabeidi e dei Curculionidi. Modena, Atti Soc. nat. mat., (Ser. 4), **4**, (Anno 35°, 1901), 1902, (1–6, con 1 tab.).

Vitale, F. Osservazioni su alcune specie di Rincofori messinesi. Nota I^a^. Riv. ital. sc. nat., Siena, **22**, 1902, (115–118, 140–143, 153–155).

Special.

Acalyptops (*Anthonominorum*) n gen., *A. ornatus* n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (400–401).

Achymus tessellatus n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (243).

Adosomus n. gen. **Faust**, J. D. ent. Zs., Berlin, **1904**, (188–236).

Alcides albopictus n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (247–248).

Alophus nn. spp., nn. varr. Ungarn, Bosnien, Griechenland etc. **Reitter**. Wr. Entomol. Ztg, Wien, **20**, 1901, (203–214).

Amblysomus n. gen. **Faust**, J. D. ent. Zs., Berlin, **1904**, (185, 204).

Anchithyrus nn. spp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1–46).

Anthonomus grandis. Nation. Geog. Mag., Washington, D.C., **15**, 1904, (262–264); enemy of. **Cook**, O. F. Science, New York, N.Y., (N. Ser.), **19**, 1904, (862–864); *l.c.* **20**, 1904, (666–670); from Texas and Louisiana. **Hunter**, W. D. Washington, D.C., U. S. Dept. Agric. Farm. Bull., No. **189**, 1904, (31).

Aparotopus n. gen. for *Pachycerus cribrosus* Fairm. **Faust**, J. D. ent. Zs., Berlin, **1904**, (190).

Aphanomastix n. gen., *A. cryptophodus* n. sp. Kamerun. **Heller**, K. M. Entomol. Tidskr., Stockholm, **25**, 1904, (196–199, with pl.).

Aphyomerus n. gen. *Menemachinorum*, *A. obliquus* n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (409).

Apion nn. spp. East Africa. **Hartmann**, F. *l.c.* (392–395); *A.* nn. spp. Turkestan, Russisch-Armenien, Herzegowina. **Reitter**, E. Wr. Entomol. Ztg, Wien, **20**, 1901, (226–229).

Apsophus n. gen. (*Menemachinorum*), *A. fasciatus* n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (407–408).

Aramigus fulleri, life history. **Maskew**, F. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44**, 1904, (46–50).

Asinocleonus n. subgen. **Faust**, J. D. ent. Zs., Berlin, **1904**, (224).

Astratus n. gen., *A. cristulicollis* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (219).

Atactogaster n. gen., *A. insularis*, *A. suspectus*, *A. finitimus* nn. spp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (230, 251).

Atactoglymma n. gen., *A. spinipes* n. sp. Celebes. **Heller**, H. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1–46).

Baeosomus n. gen. near *Bantrades* for *B. tacitus* n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (118).

Bagous fastosus n. sp. East Africa. **Faust**. *In*: **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (391); *B. striatulus* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (241).

Balaninus spp., *B. victoriensis* n. sp. **Chittenden**, F. H. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44**, 1904, (24–29, with text-fig.).

Baris distinguenda n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (251); *B. minima* n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (414); *B. morio* Boh. **Reinecke**, W. Ent. Zs., Guben, **17**, 1904, (90–91).

Blosyrus haroldi n. sp. East Africa. **Fst.** *In*: **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (369).

Bonthaina n. gen., *B. fausti*, *B. solitaria* nn. spp. Celebes. **Heller**, K. Dresden, Abh. Zool., Mus., **9**, Nr. 5, 1901, (1–46).

Bothynoderes nn. spp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (211–212).

Brachycleonus n. gen. **Faust**, J. *l.c.* (237).

Bryochaeta nn. spp. Kamerun. **Heller**, K. M. Entomol. Tidskr., Stockholm, **25**, 1904, (183–185, with pl.).

Calodemas n. gen., *C. vetustum*, *C. pullum*, *C. biguttatum*, *C. puberulum*, *C. invidum* nn. spp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (185, 233–234).

Catoptes nn. spp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (108–110).

Cecyropa nn. spp. New Zealand. **Broun**, T. *l.c.* (106).

Chalcodermus nn. spp. Central America. **Champion**, G. C. Col. 4. Pt. 4. Biol. Centr. Amer., London, **1904**, (318–325); *C. aeneus*. **Chittenden**, F. H. Washington, D.C., Bull. U. S. Dept. Agric. Div. Ent., No. **44**, 1904, (39–43, with text fig.).

Chaunoderus nn. spp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (381–382).

Chromosomus nn. spp. **Faust**, J. *l.c.* (208).

Chrysolophus foveatus n. sp., *C. spectabilis* Dej., note as to variation. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (101–102).

Cimbus venustus n. sp. Angola. **Hartmann**, F. Wr. Entomol. Ztg, Wien, **22**, 1903, (23–30).

Cionellus n. subgen. (*Cionus*). **Reitter**, E. *l.c.* **23**, 1904, (47–64).

Cionus nn. spp., nn. varr. Griechenland, Turkei, Kleinasien etc. **Reitter**, E. *l.c.* (47–64); *C. elegantulus* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (251).

Cleogonus armatus n. sp. Mexico, Columbia. **Champion**, G. C. Vol. 4. Pt. 4. Biol. Centr. Amer., London, **1904**, (315, pl. XVII, fig. 1).

Cleonus japonicus n. sp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (237).

Clypeorhynchus inophloeoides n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (117).

Cnemodontus nn. spp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (199).

Conapion nn. spp. East Africa. **Hartmann**, F. *l.c.* (396–397).

Conorhynchus nn. spp. **Faust**, J. *l.c.* (214–215).

Conotrachelus nn. spp. **Champion**, G. C. Vol. 4. Pt. 4. Biol. Cent. Amer., London, **1904**, (343–440).

Coptorhynchus nn. spp. Celebes. **Heller**, K. Dresden, Abh. Zool. Mus., **9**, Nr. 5, 1901, (1–46).

Copturus (*Eucopturus*) nn. spp. Brasilien. **Heller**, K. M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (292–294).

Cosmogaster n. gen. **Faust**, J. D. ent. Zs., Berlin, **1904**, (185, 230).

Cossonus nn. spp. East Africa. **Hartmann**, F. *l.c.* (369–419); *C. camerunus* n. sp. Kamerun. **Heller**, K. M. Entomol. Tidsk., Stockholm, **25**, 1904, (200–201).

Cratopus squalus n. sp. Madagascar. **Fairmaire**, L. Paris, Bul. soc. ent., **1903**, (67–70).

Crisius dorsalis n. sp. New Zealand. **Brown**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (123).

Cryptorhynchus lapathi. **Webster**, F. M. Quarterly Journal of Proceedings. Columbus, Ohio, **16**, 1901, (146–155, with text fig.).

Demimea strumosa n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, No. 5, 1901, (1–46).

Derelomus nn. spp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (406–407).

Desmidophorus galericulus = *D. centralis*. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (247); *D. griseipes* n. sp. Madagascar. **Fairmaire**, L. *l.c.* (247).

Dicasticus lateralis n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (375).

Dichelotrox n. gen., *D. bimbianus* n. sp. Kamerun. **Heller**, K. M. Entomol. Tidskr., Stockholm, **25**, 1904, (193–195, with pl.).

Dichthorrhinus albozebrinus n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (252–253).

Dicranotropis n. gen., *D. ganglbaueri* n. sp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (186, 203).

Dinocleus nn. spp. Utah and Guerrero. **Casey**, T. L. Canad. Ent., Toronto, **36**, 1904, (321–322).

Dinosius n. gen., *D. asperipennis* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (238–239).

Dyscerus 6-punctatus n. sp. Java. **Hartmann**, F. Wr. Entomol. Ztg, Wien, **22**, 1903, (23–30).

Echinocnemus gracilirostris n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (241–242).

Ectemnomerus durianus n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, No. 5, 1901, (1–46).

Ectemnorhinus nn. spp. Südpolar-Expedition. **Enderlein**, G. Zool. Anz., Leipzig, **27**, 1904, (668–675).

Ellimeniates amoenus n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (386).

Engallus galactoderus n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (239).

Ephimeronotus n. gen. **Faust**, J. D. ent. Zs., Berlin, **1904**, (187, 234).

Epirhynchus humerosus n. sp. **Faust**, J. *l.c.* (221).

Eucleonus n. gen. for *E. tetragrammus* Pall. **Faust**, J. *l.c.* (188).

Euidosomus n. subgen. (*Eusomus*). **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (86–91).

Eupholus loriae n. sp. **Gestro**, R. Firenze, Boll. Soc. entom., **34**, (1902), (trimestre 1°–2°), 1902, (48–49).

Eusomatulus nov. subgen. (*Eusomus*). **Reitter**, E. Wr. Entomol. Ztg, Wien, **23**, 1904, (86–91).

Eusomus sphaeropterus Alld., Gattungszugehörigkeit? *E.* (*Euidosomus*) *sandneri* n. sp. Transkaukasien. **Reitter**, E. *l.c.* (86–91).

Gonocleonus scalptus n. sp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (206).

Gonoropterus n. gen., *G. spinicollis* n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (122).

Heteroglymma nn. spp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1–46)

Heterostylus elongatus n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (374).

Hextaeus n. gen., *H. rubidus* n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (125).

Hipporrhinus, monograph of the genus, nn. spp. **Marshall**, G. A. K. London, Proc. Zool. Soc., **1904**, 1, (6–141, pls. I–IV).

Holonychus curtipennis n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (237-238).

Hypophylax n nom. = *Stenophylax* Fairm. **Fairmaire**, L. *l.c.* (241).

Inophlocus nn. spp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (111-113).

Ischnotrachelus nn. spp. Kamerun. **Heller**, K. M. Entomol. Tidskr., Stockholm, **25**, 1904, (175-178).

Isomicrus (*Isorrhynchinorum*) n. gen., *I. castaneus* n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (413-414).

Limnobaris lineigera n. sp. East Africa. **Hartmann**, F. *l.c.* (415).

Lithinus nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (242-243).

Lixomorphus n. gen. for *ocularis* Fabr. **Faust**, J. D. ent. Zs., Berlin, **1904**, (189).

Lixus nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (243-246); *L.* nn. spp. **Petri**, K. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2**, 1904, (235-236); *L.* nn. spp. **Petri**, K. Wr. Entomol. Ztg, Wien, **23**, 1904, (65-77); *L. caffrarius* n. nom. = *L. carinicollii* Fåhr, *L. fåhraei* n. nom. = *L. hypocrita* Fåhr, *L. petrii* = *L. macer* Petri. **Csiki**, E. *l.c.* (85); *L. weisei* n. sp. East Africa. **Faust**, *in* **Hartmann**, F. D ent. Zs., Berlin, **1904**, (369-419).

Mamuchus n. gen., *M. squamosopictus*, *M. inornatus* nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent., Belgique, **48**, 1904, (249-250).

Mecaspis nn. spp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (225-229).

Mechistocerus vulgaris n. sp. Kamerun. **Heller**, K. M. Entomol. Tidskr., Stockholm, **25**, 1904, (190-191, with pl.).

Mecinus, coléoptères anomaux. **Gadeau de Kerville**, H. Paris, Bul. soc. ent., **1903**, (88-89, av. fig.).

Megarrhinus nn. spp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (402-405).

Mesocleonus n. gen. **Faust**, J. *l.c.* (189, 222).

Metialma neptis n. sp. Kamerun. **Heller**, K. M. Entomol. Tidskr., Stockholm, **25**, 1904, (196); *M. pusilla* n, sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent., Belgique, **48**, 1904, (248); *M. usambarica* n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, 1904, (412).

Microcleonus n. gen. **Faust**, J. *l.c.* (183, 198).

Mimus usambaricus n. sp. East Africa. **Hartmann**, F. *l.c.* (417).

Molytophilus (*Molytinorum*) n. gen., *M. carinatus* n. sp. East Africa. **Hartmann**, F. *l.c.* (388).

Monolophus n. gen. (= *Maecaspis praeditus* Fst.). **Faust**, J. *l.c.* (182, 196).

Myllocerus plebejus n. sp. East Africa. **Hartmann**, F. *l.c.* (387).

Nanophyes nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (250-251).

Nea n. gen., *N. princeps* n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1-46).

Nemoxenus n. gen. for *zebra* Chev. **Faust**, J. D. ent. Zs., Berlin, **1904**, (230).

Neoniphades n. gen., *N. granicollis* n. sp. Assam. **Hartmann**, F. Wr. Entomol. Ztg, Wien, **22**, 1903, (23-30).

Neosyagrius n. gen., *N. cordipennis* n. sp. Australia. **Lea**, A. M. Agric. Gaz., Sydney, N. S. Wales, **15**, 1904, (515-516).

Nomimonyx n. gen., *N. perturbans* n. sp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (186, 222).

Nycterorhinus n. gen., *N. ebenus* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (252).

Ochthartrum aurivilliusi n. sp. Kamerun. **Heller**, K. M. Entomol. Tidskr., Stockholm, **25**, 1904, (178-179).

Orcocharis nn. spp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (120-121).

Osphilia ikuthana n. sp. Africa. **Heller**, K. M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (290-291).

Otiorrhynchus lazarevići n. sp. Servia. **Csiki**, E. Ann. Hist.-Nat. Mus. Nat Hung., Budapest, **2**, 1904, (591-592).

Pachycerus nn. spp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (223-224).

Pachyprypnus modicus n. sp. New Zealand. **Broun,** T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (117).

Paralixus n. gen. for *Microclconus distinguendus* (Desbr.), *M. tigratus* (Reitt.) **Csiki,** E. Wr. Entomol. Ztg, Wien, **23,** 1904, (85).

Peraplesius (*Cosominorum*) n. gen., *P. plebejus* n. sp. East Africa. **Hartmann,** F. D. ent. Zs., Berlin, **1904,** (369–419).

Parimera vitticollis n. sp. Celebes. **Heller,** K. Dresden, Abh. zool. Mus., **9.** Nr. 5, 1901, (1–46).

Pentarthrum crassellum n. sp. New Zealand. **Broun,** T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (123).

Pentatropis n. gen., *P. blandus* n. sp. **Faust,** J. D. ent. Zs., Berlin, **1904,** (192, 193).

Peribleptus parallelus n. sp. Assam. **Hartmann,** F. Wr. Entomol. Ztg, Wien, **22,** 1903, (23–30).

Perilixus n. nom. = *Paralixus* Csiki. 1904. **Csiki,** E. Zool. Anz., Leipzig, **28,** 1904, (266–267).

Phaulosomus n. gen., *P. signatellus, P. kilimanus* nn. spp. **Faust,** J. D. ent. Zs., Berlin, **1904,** (204–205).

Philacta maculifera n. sp. New Zealand. **Broun,** T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (119).

Phylaitis sanguinosus n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (248).

Phytonomus horváthi n. sp. Servia. **Csiki,** E. Ann. Hist.-Nat. Mus. Nat. Hung., Budapest, **2,** 1904, (592).

Piezotrachelus nn. spp. East Africa. **Hartmann,** F. D. ent. Zs., Berlin, **1904,** (398–399).

Pissodes piniphilus. **Schmidt.** Ber. Vers. sächs. Forstver., Tharandt, **47,** 1903, (81–95); *P. validirostris* Gyll. = *strobili* Redtb. **Torka,** V. Posen, Zs. D. Ges. Wiss., natw. Abt., **11,** 1904, (6–9).

Platycopes globulus n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (239).

Platyomida brevicornis n. sp. New Zealand. **Broun,** T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (107).

Polydrosus, histoire. **Pic,** M. Echange, Lyon, **20,** 1904, (31); *P. (Choreodrys) cressius* n. sp. **Pic,** M. *l.c.* (4).

Prarchus n. gen. near *Sargon* for *P. lewisi* n. sp. New Zealand. **Broun,** T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14,** 1904, (114).

Prionorhinus nn. spp. **Faust,** J. D. ent. Zs., Berlin, **1904,** (200).

Procas sibiricus n. sp. Sibérie. **Pic,** M. Echange, Lyon, **20,** 1904, (27).

Prodioctes similis n. sp. Celebes. **Heller,** K. Dresden, Abh. zool. Mus., **9,** Nr. 5, 1902, (1–46).

Pseudocleonus libanicus n. sp. **Faust,** J. D. ent. Zs., Berlin, **1904,** (229).

Pseudomimus (*Cossoninorum*) n. gen., *P. corpulentus* n. sp. East Africa. **Hartmann,** F. *l.c.* (416).

Pseudoporopterus nn. spp. Celebes. **Heller,** K. Dresden, Abh. zool. Mus., **9,** No. 5, 1901, (1–46).

Pseudostromborrhinus n. gen., *P. dorsalis* n. sp. Kamerun. **Heller,** K. M. Entomol. Tidskr., Stockholm, **25,** 1904, (191–193, with pl.).

Ptochus cretensis n. sp. **Pic,** M. Echange, Lyon, **20,** 1904, (4).

Raymondia auripes n. sp. La Kabylie. **Chobaut,** A. Paris, Bul. soc. ent., **1903,** (182–183).

Rhabdorhynchus crassicornis n. sp. **Faust,** J. D. ent. Zs., Berlin, **1904,** (224).

Rhinocles ? modestus n. sp. Kamerun. **Heller,** K. M. Entomol. Tidskr., Stockholm, **25,** 1904, (199–200, with pl.).

Rhypastus n. gen., *R. truncatulus* n. sp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904, (239–240).

Rhyssommatus nn. spp. **Champion,** G. C. Vol. 4. Pt. 4. Biol. Centr.-Amer., London, **1904,** (327–338).

Rhytiphlaeus nn. spp. Madagascar. **Fairmaire,** L. Bruxelles, Ann. Soc. ent. Belgique, **48,** 1904 (240–241).

Sclerocardius indicus n. sp. Sumatra. **Hartmann,** F. Wr. Entomol. Ztg. Wien, **22,** 1903, (23–30).

Sclerosomus laticauda n. sp. Mexico. **Champion,** G. C. Vol. 4. Pt. 4. Biol. Centr.-Amer., London, **1904,** (314, pl. XVI, fig. 26).

Scotoephilus (*Menemachinorum*) n. gen., *S. odiosus* n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (411).

Seidlitzia marocana Fairm., Beschreibung. **Reitter**, E. Wr. Entomol. Ztg, Wien, **20**, 1901, (203-214).

Sitona Ger. = *Sitones* Schönh. und Bemerkungen zur neuesten Bestimmungstabelle derselben. **Schenkling-Laucha**, L. Insektenbörse, Leipzig, **21**, 1904, (4-5).

Sphenomorpha spectabilis n. sp. Neu-Guinea. **Hartmann**, F. Wr. Entomol. Ztg, Wien, **22**, 1903, (23-30).

Sphrigodes nn. spp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (383-385).

Stenolandra n. gen., *S. lacteostrigata* n. sp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (253-254).

Stephanocleonus nn. spp. **Faust**, J. D. ent. Zs., Berlin, **1904**, (244-258).

Stramia n. gen. for part of *Hipporrhinus* and *Tanyrrhynchus* Boh. **Marshall**, G. A. K. London, Proc. Zool. Soc., **1904**, I, (140).

Synaptoplus dentipennis n. sp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (370).

Systates nn. spp. East Africa. **Hartmann**, F. *l.c.* (378-379).

Tapinelytrum n. gen., *T. mirabile* n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (39, 40, fig. 17).

Tapinomorphus (*Brachyderinorum*) n. gen., *T. setosus*, *T. metallicus* nn. spp. East Africa. **Hartmann**, F. D. ent. Zs., Berlin, **1904**, (372-373).

Temnorhinus nn. spp. **Faust**, J. *l.c.* (218).

Tetragonothorax nn. spp. **Faust**, J. *l.c.* (197).

Tigones dispar n. sp. New Zealand. **Brown**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (107).

Timorus maximus n. sp. Brasilien. **Heller**, K. M. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (294-295).

Tocris n. gen., *T. latirostris* n. sp. New Zealand. **Broun**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (116).

Trachelomorphus baudii Seidl., Beschreibung. **Reitter**, E. Wr. Entomol. Ztg, Wien, **20**, 1901, (203-214).

Tragopus longicollis n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1-46).

Trichobaris mucorea, life-history notes. **Bridwell**, J. C. Washington, D.C., Bull. U. S. Dept. Agric., Div. Ent., No. **44**, 1904, (44-46).

Trochorhopalus corpulentus n. sp. Celebes. **Heller**, K. Dresden, Abh. zool. Mus., **9**, Nr. 5, 1901, (1-46).

Tropiphorus serbicus n. sp. **Reitter**, E. Wr. Entomol. Ztg, Wien, **20**, 1901, (203-214).

Xanium n. gen., *X. vanhoeffianum* n. sp. Südpolar-Expedition. **Enderlein**, G. Zool. Anz., Leipzig, **27**, 1904, (668-675).

Xanthochelus nn. spp. Afrika. **Faust**, J. D. ent. Zs., Berlin, **1904**, (260-261).

Xenomacrus n. gen. **Faust**, J. *l.c.* (186, 201).

Yuccaborus lentiginosus n. sp. Texas. **Casey**, T. L. Canad. Ent., Toronto, **36**, 1904, (323).

Zantes nn. spp. Madagascar. **Fairmaire**, L. Bruxelles, Ann. Soc. ent. Belgique, **48**, 1904, (246-247).

Zurus spilothorax n. sp. Brasilien. **Heller**, K. M. *l.c.* (291-292).

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General.

Formánek, R. Die Borkenkäfer (*Scolytidae*) der Sudetenländer. (Čechisch) Prostějov, Věstn. Kl. Přírod., **3**, 1901, (119-145).

Special.

Amasa thoracica Lea, referred to *Xyleborus*. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (106).

Brachyspartus nn. spp. Panama. **Blandford**, W. F. H. Col. 4, pt. 6. Biol. Centr. Amer., London, **1904**, (265).

Coccotrypes eggersii n. sp. **Hagedorn**, M. Allg. Zs. Ent., Neudamm, **9**, 1904, (147–452).

Corthylus, table of species and nn. spp. **Blandford**, W. F. H. Col. 4, Pt. 6. Biol. Centr. Amer., London, **1904**, (258-254).

Dendroterus n. gen. near *Dryocoetes*, *D. mexicanus*, *D. sallaei* nn. spp. Mexico. **Blandford**, W. F. H. *l.c.* (233).

Glochinocerus n. gen., *G. gemellus*, *G. retusipennis* nn. spp. **Blandford**, W. F. H. *l.c.* (267).

Gnathotrichus nn. spp. **Blandford**, W. F. H. *l.c.* (247–248).

Hylesinus, Generationsfrage. **Nüsslin**, O. Forstwiss. Centralbl., Berlin, **26**, 1904, (1–15); *H. fici* n. sp. Australia. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (103).

Hylocurus spinifex n. sp. Mexico. **Blandford**, W. F. H. Col. 4, Pt. 6, Biol. Centr. Amer., London, **1904**, (225, pl. VII, fig. 23).

Hylurgus pinniperda. **Schmidt**. Ber. Vers. sächs. Forstver., Tharandt, **47**, 1903, (81-95).

Hypothenemus, synonymy, distribution, and nn. spp. **Blandford**, W. F. H. Col. 4, Pt. 6, Biol. Centr.-Amer, London, **1904**, (228–230).

Mesoscolytus n. gen., *M. inurbanus* n. sp. New Zealand. **Brown**, T. Ann. Mag. Nat. Hist., London, (Ser. 7), **14**, 1904, (125–126).

Metacorthylus n. gen., *M. nigropennis* n. sp. Panama. **Blandford**, W. F. H. Col. 4, Pt. 6, Biol. Centr.-Amer., London, **1904**, (263, pl. VIII, fig. 10).

Pityophthorus nn. spp. **Blandford**, W. F. H. *l.c.* (236–245).

Platypus omnivorus n. sp., *P. australis* Chp., note as to synonymy. **Lea**, A. M. Sydney, N.S.W., Proc. Linn. Soc. N. S. Wales, **29**, 1904, (104–105).

Polygraphus, Generationsfrage. **Nüsslin**, O. Forstwiss. Centralbl., Berlin, **26**, 1904, (1–15).

Pterocyclon, characters, synonymy, and nn. spp. **Blandford**, W. F. H. *l.c.* 268–280).

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——— *nitens*. Blackburn. 30.
——— *nitidiceps*. Blackburn. 30.
——— *obscurus*. Blackburn. 30.
——— *pontiferum*. Blackburn. 30.
——— *subretusum*. Blackburn. 30.
——— *tenax*. Blackburn. 30.
——— *truncatum*. Blackburn. 30.

Bonthaina n. gen. [Curculionidae]. Heller. 162.
——— *fausti*. Heller. 162.
——— *solitaria*. Heller. 162.

Bothynoderes [Curculionidae].
——— *absolutus*. Faust. 111.
——— *kahirinus*. Faust. 111.

Bothynoscelis n. gen. [Cerambycidae]. Aurivillius. 15.
——— *tridentata*. Aurivillius. 15.

Brachinus [Carabidae].
——— *mactus*. Péringuey. 256.
——— *umvotianus*. Péringuey. 256.

Brachycaulus [Chrysomelidae].
——— *aterrimus*. Lea. 213.
——— *mamillatus*. Lea. 213.
——— *posticalis*. Lea. 213.

Brachycleonus n. gen. [Curculionidae]. Faust. 111.

Brachylepis [Scarabaeidae].
——— *hauseri*. Péringuey. 257.

Brachymis [Scarabaeidae].
——— *crinitus*. Brenske. 52.

Brachynus [Carabidae].
——— *bodemeyeri*. Apfelbeck. 10.
——— *ganglbaueri*. Apfelbeck. 10.
——— *peregrinus*. Apfelbeck. 10.

Brachypholis [Scarabaeidae].
——— *sjöstedti*. Brenske. 52.

Brachys [Buprestidae].
——— *acutus*. Kerremans. 198.
——— *bruchi*. Kerremans. 198.
——— *depressus*. Kerremans. 198.
——— *marmoreus*. Kerremans. 198.
——— *nodifer*. Kerremans. 198.
——— *vicinus*. Kerremans. 198

Brachyspartus [Scolytidae].
——— *barbatus*. Blandford. 32.
——— *ebeninus*. Blandford. 32.

Bradamina n. gen. [Chrysomelidae]. Fairmaire. 108.
——— *plicicollis*. Fairmaire. 108.

Bradycellus [Carabidae].
——— *ganglbaueri*. Apfelbeck. 10.

Bryochaeta [Curculionidae].
——— *apicalis*. Heller. 164.
——— *sellata*. Heller. 164.
——— *sjöstedti*. Heller. 164.

Bryoporus [Staphylinidae].
——— *gracilis*. Luze. 226.

Bryothinusa n. gen. [Staphylinidae]. Casey. 58.
——— *catalinae*. Casey. 58.

Cabirus [Tenebrionidae].
——— *dentimanus*. Reitter. 324.
——— *desbrochersi*. Reitter. 324.
——— *gracilis*. Reitter. 324.
——— *procerulus*. Reitter. 324.
——— *puncticollis*. Reitter. 324.
——— *simonis* Desbr. in litt. Reitter. 324.
——— *subpubescens*. Reitter. 324.

Caccorhinus [Anthribidae].
——— *obscurus*. Jordan. 193.

Cacia [Cerambycidae].
——— *triangulifera*. Heller. 162.

Cacoscelis [Chrysomelidae].
——— *abdominalis*. Jacoby. 184.

Cadmus [Chrysomelidae].
——— *apicirufus*. Lea. 213.
——— *calomeloides*. Lea. 213.
——— *fasciaticollis*. Lea. 213.
——— *nothus*. Lea. 213.
——— *perlatus*. Lea. 213.
——— *quadrifasciatus*. Lea. 213.
——— *T-niger*. Lea. 213.

Caedomaea [Cerambycidae].
——— *blucheau*. Fairmaire. 108.
——— *griseotincta*. Fairmaire. 108.
——— *nebulosa*. Fairmaire. 108.

Calanthemis [Cerambycidae].
——— *hauseri*. Jordan. 196.

Callergates n. subgen. [Cerambycidae]. Lameere. 209.

Callichroma [Cerambycidae].
——— *calceatum*. Aurivillius. 15.
——— *sjöstedti*. Aurivillius. 15.

Callida [Carabidae].
——— *fervida*. Péringuey. 256.
——— *nigripes*. Péringuey. 256.

Callilanguria [Erotylidae].
——— *asymmetrica*. Heller. 162.

Callimicra [Buprestidae].
——— *cylindera*. Kerremans. 198.

Callipogon [Cerambycidae].
——— *beckeri*. Lameere. 209.
——— *pehlkei*. Lameere. 209.
——— *proletarius*. Lameere. 209.

Callispa [Chrysomelidae].
——— *minima*. Gestro. 145.

Callistomimus [Carabidae].
——— *placens*. Péringuey. 256.

Callomegas n. subgen. [Cerambycidae]. Lameere. 209.

Calloplophora [Cerambycidae].
——— *fruhstorferi*. Aurivillius. 14.

Calloclytus [Cerambycidae].
——— *krantzi*. Gahan. 133.

Calodemas n. gen. [Curculionidae]. Faust. 111.
——— *biguttatum*. Faust. 111.
——— *inridum*. Faust. 111.
——— *puberulum*. Faust. 111.
——— *pullum*. Faust. 111.
——— *vetustum*. Faust. 111.

Calostega [Tenebrionidae].
——— *cylindrica*. Gebien. 134.

Camenta [Scarabaeidae].
——— *caffrina*. Péringuey. 257.
——— *capicola*. Péringuey. 257.
——— *coniacea*. Péringuey. 257.
——— *inops*. Péringuey. 257.
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——— *mashona*. Péringuey. 257.
——— *matebelina*. Péringuey. 257.
——— *modesta*. Péringuey. 257.
——— *rhodesiana*. Péringuey. 257.
——— *salisburiana*. Péringuey. 257.
——— *simillima*. Péringuey. 257.
——— *tongaatsana*. Péringuey. 257.
——— *transraalensis*. Péringuey. 257.
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Campylus [Elateridae].
——— *korbi*. Pic. 284.

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——— *convexicollis* var., *chapelieri* n. var. Bourgeois. 45.
——— *nigricans* var., *pallidosignata* n. var. Pic. 281.
——— *raddensis*. Pic. 284.

Caprodes [Colydiidae].
——— *ater*. Grouvelle. 150.

Carabus [Carabidae].
——— *longicornis*. Fairmaire. 103.
——— *scheidleri* var. *koshanini* n. var. Csiki. 81.
——— *ulrichi* var. *pernix* n. var. Csiki. 81, 84.

Carcinocephalus n. nom. [Staphylinidae]. Bernhauer. 25.

Cardiophorus [Elateridae].
——— *poncyi*. Du Buysson. 97.
——— *retulus*. Schwarz. 354.

Cardiorhinus [Elateridae].
——— *collaris*. Schwarz. 353.
——— *cylindricus*. Schwarz. 353.
——— *dimidiatus*. Schwarz. 353.
——— *divaricatus*. Schwarz. 353.
——— *infernus*. Schwarz. 353.
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Carneades [Cerambycidae].
——— *quadrinodosa*. Aurivillius. 14.

Carpaulum n. gen. [Carabidae]. Sloane. 373.
——— *inflaticeps*. Sloane. 373.
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Casmenella n. gen. [Chrysomelidae] Jacoby. 177.
——— *natalense*. Jacoby. 177.

Cassida [Chrysomelidae].
——— *breviuscula*. Fairmaire. 108.
——— *corpulenta*. Weise. 408.
——— *dorsomicans*. Fairmaire. 108.
——— *exsanguis*. Fairmaire. 108.
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——— *lateritia*. Fairmaire. 108.
——— *lyrica*. Fairmaire. 108.
——— *muirana*. Muir and Sharp. 243.
——— *nigroguttata*. Fairmaire. 108.
——— *nigrosuturata*. Fairmaire. 108.
——— *nigrotecta*. Fairmaire. 108.
——— *ovoidea*. Fairmaire. 108.
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——— *rufomicans*. Fairmaire. 108.
——— *sparsuta*. Weise. 407.

Castalia [Buprestidae].
——— *bettoni*. Waterhouse. 403.
——— *fairmairei*. Waterhouse. 403.
——— *pulchra*. Waterhouse. 403.

Catamerus [Tenebrionidae].
——— *gasanus*. Péringuey. 256.
——— *manicanus*. Péringuey. 256.

Catoptes [Curculionidae].
——— *duplex*. Broun. 54.
——— *egeus*. Broun. 54.
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Cecyropa [Curculionidae].
——— *alternata*. Broun. 54.
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Celetes [Malacodermidae].
——— *burchelli*. Bourgeois. 49.

Cephalodendron [Elateridae].
——— *sicardi*. Fairmaire. 108.

Cephalodonta [Chrysomelidae].
——— *bruchi*. Weise. 414.
——— *calopteroides*. Weise. 414.
——— *clara*. Weise. 414.
——— *donckieri*. Weise. 414.
——— *humerosa*. Weise. 414.

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——— *fasciata*. Weise. 414.
——— *interstitialis*. Weise. 414.
——— *parenthesis*. Weise. 414.
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Cephennium [Scydmaenidae].
——— *fossulatum*. Lokay. 220.

Ceralces [Chrysomelidae].
——— *affinis*. Weise. 407.

Cerophysa [Chrysomelidae].
——— *andrewesi*. Jacoby. 182.
——— *mandarensis*. Jacoby. 182.

Cerylon [Colydiidae].
——— *ovale*. Grouvelle. 150.

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——— *belli*. Jacoby. 182.

Chaetoleistus n. subgen. [Carabidae]. Semenov. 361.

Chalcodermus [Curculionidae].
——— *angularis*. Champion. 60.
——— *crassipes*. Champion. 60.
——— *cupreipes*. Champion. 60.
——— *curripes*. Champion. 60.
——— *dentipes*. Champion. 60.
——— *foveolatus*. Champion. 60.
——— *lineatus*. Champion. 60.
——— *mexicanus*. Champion. 60.
——— *nigroaeneus*. Champion. 60.
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Chalcolampra [Chrysomelidae].
——— *rufinoda*. Lea. 212.

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——— *basalis*. Jacoby. 183.
——— *sjöstedti*. Jacoby. 183.

Charidotis [Chrysomelidae].
——— *divisa*. Weise. 408.
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Charisthes [Cerambycidae].
——— *tripunctata*. Aurivillius. 15.

Charitovalgus n. gen. [Scarabaeidae]. Kolbe. 203.
——— *andamanicus*. Kolbe. 203.

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——— *apicalis*. Hartmann. 155.
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Cheridella n. gen. [Chrysomelidae]. Jacoby. 177.
——— *zambesiana*. Jacoby. 177.

Cherostus [Tenebrionidae].
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——— *breviuscula.* Weise. 407.
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——— *schach.* Faust. 111.
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——— *foveatus.* Lea. 212.
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Cionus [Curculionidae].
——— *elegantulus.* Fairmaire. 108.
——— *schultzei.* Reitter. 320.
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Cleogonus [Curculionidae].
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——— *japonicus.* Faust. 111.
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——— *maculicollis.* Jacoby. 182.
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——— *lentus.* Sharp. 369.
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——— *inophloeoides.* Broun. 54.
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——— *ambitiosus.* Faust. 111.
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——— *catherina:* var. *maricovensis* n. var. Distant. 92.
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——— *mirabile*. Jacoby. 177.
——— *piceitarse*. Jacoby. 177.
——— *pusillum*. Jacoby. 177.
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——— *tumidulum*. Weise. 407.

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——— *appendiculata*. Aurivillius. 14.
——— *assimilis*. Aurivillius. 14.
——— *crucigera*. Aurivillius. 14.
——— *declivis*. Aurivillius. 14.
——— *eximia*. Aurivillius. 14.
——— *flavoguttata*. Aurivillius. 14.
——— *guttulata*. Aurivillius. 14.
——— *mimetica*. Aurivillius. 14.
——— *nivеosparsa*. Aurivillius. 14.
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——— *obconica*. Aurivillius. 14.
——— *plagiata*. Aurivillius. 14.
——— *plebeja*. Aurivillius. 14.
——— *punctata*. Aurivillius. 14.
——— *sahlbergi*. Aurivillius. 14.
——— *sexmaculata*. Aurivillius. 14.
——— *simillima*. Aurivillius. 14.
——— *sordida*. Aurivillius. 14.

COLPODES [Carabidae].
——— *placidus*. Heller. 162.

Colpopatrum n. subgen. [Tenebrionidae]. Reitter. 324.

COLPOTUS [Tenebrionidae].
——— *punctipleuris*. Reitter. 324.

Compsoglypha n. gen. [Buprestidae]. Fairmaire. 108.
——— *perrieri*. Fairmaire. 108.

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——— *arduus*. Faust. 111.
——— *globifrons*. Faust. 111.

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——— *adustus*. Champion. 60.
——— *albifrons*. Champion. 60.
——— *albinus*. Champion. 60.
——— *albofasciatus*. Champion. 60.
——— *albolineatus*. Champion. 60.
——— *albopictus*. Champion. 60.
——— *alboplagiatus*. Champion. 60.
——— *albosignatus*. Champion. 60.
——— *alternans*. Champion. 60.

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——— *annulipes*. Champion. 60.
——— *anthonomoides*. Champion. 60.
——— *arachnoides*. Champion. 60.
——— *aristatus*. Champion. 60.
——— *armatus*. Champion. 60.
——— *bicarinatus*. Champion. 60.
——— *bilineatus*. Champion. 60.
——— *bispinis*. Champion. 60.
——— *brevicollis*. Champion. 60.
——— *brevirostris*. Champion. 60.
——— *brevisetis*. Champion. 60.
——— *canaliculatus*. Champion. 60.
——— *candidus*. Champion. 60.
——— *cavicrus*. Champion. 60.
——— *ciliatus*. Champion. 60.
——— *cinerascens*. Champion. 60.
——— *coerulescens*. Champion. 60.
——— *compressus*. Champion. 60.
——— *conicicollis*. Champion. 60.
——— *constrictus*. Champion. 60.
——— *continuus*. Champion. 60.
——— *corallinus*. Champion. 60.
——— *cordatus*. Champion. 60.
——— *crenatus*. Champion. 60.
——— *cribratus*. Champion. 60.
——— *crucifer*. Champion. 60.
——— *cucullatus*. Champion. 60.
——— *curtirostris*. Champion. 60.
——— *curtus*. Champion. 60.
——— *curvidens*. Champion. 60.
——— *curvilineatus*. Champion. 60.
——— *curvimanus*. Champion. 60.
——— *dentimanus*. Champion. 60.
——— *deplanatus*. Champion. 60.
——— *dilatirostris*. Champion. 60.
——— *dimidiatus*. Champion. 60.
——— *discifer*. Champion. 60.
——— *divirgatus*. Champion. 60.
——— *divisus*. Champion. 60.
——— *duplicatus*. Champion. 60.
——— *eburneus*. Champion. 60.
——— *elongatus*. Champion. 60.
——— *excavatus*. Champion. 60.
——— *farinosus*. Champion. 60.
——— *fasciculatus*. Champion. 60.
——— *flavangulus*. Champion. 60.
——— *flavibasis*. Champion. 60.
——— *flexuosus*. Champion. 60.
——— *foveicollis*. Champion. 60.
——— *fulvescens*. Champion. 60.
——— *fulvibasis*. Champion. 60.
——— *fulvolineatus*. Champion. 60.
——— *fulvomaculatus*. Champion. 60.
——— *fulvopictus*. Champion. 60.
——— *germanus*. Champion. 60.

CONOTRACHELUS [Curculionidae].
——— *gibbipennis*. Champion. 60.
——— *gibbirostris*. Champion. 60.
——— *glabricollis*. Champion. 60.
——— *glabriventris*. Champion. 60.
——— *granulicollis*. Champion. 60.
——— *griseus*. Champion. 60.
——— *guatemalensis*. Champion. 60.
——— *hybophorus*. Champion. 60.
——— *hystricosus*. Champion. 60.
——— *impressicollis*. Champion. 60.
——— *inaequidens*. Champion. 60.
——— *incanus*. Champion. 60.
——— *insignis*. Champion. 60.
——— *insularis*. Champion. 60.
——— *isthmicus*. Champion. 60.
——— *laevirostris*. Champion. 60.
——— *latefasciatus*. Champion. 60.
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——— *latidens*. Champion. 60.
——— *latirostris*. Champion. 60.
——— *lineatipes*. Champion. 60.
——— *lineatus*. Champion. 60.
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——— *longipennis*. Champion. 60.
——— *longirostris*. Champion. 60.
——— *megalops*. Champion. 60.
——— *mexicanus*. Champion. 60.
——— *minutus*. Champion. 60.
——— *mixtus*. Champion. 60.
——— *multiguttatus*. Champion. 60.
——— *nemorivagus*. Champion. 60.
——— *nigricans*. Champion. 60.
——— *nodifer*. Champion. 60.
——— *nodifrons*. Champion. 60.
——— *nodulosus*. Champion. 60.
——— *obliquelineatus*. Champion. 60.
——— *oculatus*. Champion. 60.
——— *opacus*. Champion. 60.
——— *ovalis*. Champion. 60.
——— *paleatus*. Champion. 60.
——— *parvicollis*. Champion. 60.
——— *parvulus*. Champion. 60.
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——— *praestans*. Champion. 60.
——— *punctiventris*. Champion. 60.
——— *quadridens*. Champion. 60.
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CONOTRACHELUS [Curculionidae].
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——— *ramifer*. Champion. 60.
——— *rectirostris*. Champion. 60.
——— *reticulatus*. Champion 60.
——— *robustus*. Champion. 60.
——— *rubidus*. Champion. 60.
——— *rufescens*. Champion. 60.
——— *rufifrons*. Champion. 60.
——— *rufitarsis*. Champion. 60.
——— *rugiventris*. Champion. 60.
——— *rugulosus*. Champion. 60.
——— *scoparius*. Champion. 60.
——— *segregatus*. Champion. 60.
——— *sellatus*. Champion. 60.
——— *semirufus*. Champion. 60.
——— *serratidens*. Champion. 60.
——— *sextuberculatus*. Champion. 60.
——— *silvicola*. Champion. 60.
——— *sinuaticollis*. Champion. 60.
——— *sinuatocostatus*. Champion. 60.
——— *spinifer*. Champion. 60.
——— *spinipennis*. Champion. 60.
——— *squamifrons*. Champion. 60.
——— *squamosus*. Champion. 60.
——— *squamulatus*. Champion. 60.
——— *striatrostris*. Champion. 60.
——— *sublineatus*. Champion. 60.
——— *subulatus*. Champion. 60.
——— *sulcicollis*. Champion. 60.
——— *sulcipectus*. Champion. 60.
——— *suturalis*. Champion. 60.
——— *tabogensis*. Champion. 60.
——— *tenuipes*. Champion. 60.
——— *tetrastigma*. Champion. 60.
——— *triannulatus*. Champion. 60.
——— *tridens*. Champion. 60.
——— *trilineatus*. Champion. 60.
——— *truncatidens*. Champion. 60.
——— *tuberculatus*. Champion. 60.
——— *umbrosus*. Champion. 60.
——— *uncifer*. Champion. 60.
——— *unidentatus*. Champion. 60.
——— *unifasciatus*. Champion. 60.
——— *uniformis*. Champion. 60.
——— *validus*. Champion. 60.
——— *varicolor*. Champion. 60.
——— *venustus*. Champion. 60.
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Gonocnemis [Tenebrionidae].
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Hoplariobius n. subgen. [Tenebrionidae]. Reitter. 324.

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——— *angusticollis*. Péringuey. 256.

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——— *sticticus*. Jordan. 193.

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Paractenodia n. gen. [Cantharidae]. Péringuey. 256.
——— *parva*. Péringuey. 256.

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Paramargymus [Tenebrionidae].
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——— *nigripennis*. Jacoby. 182.

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——— *insolitus*. Péringuey. 256.
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——— *brevicornis*. Broun. 54.

Platypus [Scolytidae].
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——— *tesselata*. Moser. 240.

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——— *niveicollis*. Aurivillius. 15.

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——— *gossei*. Waterhouse. 403.
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——— *thomsoni* n. nom. Gebien. 134.

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——— *lewisii*. Broun. 54.

Progeutis [Malacodermidae].
——— *longipennis* var. *flavicans* n. var. Bourgeois. 45.

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——— *magna*. Weise. 408.

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——— *moseri*. Hauser. 157.

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——— *apicicornis*. Jacoby. 177.

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——— *libanicus*. Faust. 111.

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——— *atticus*. Apfelbeck. 10.
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——— *gracilis*. Gebien. 134.
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——— *auripes*. Chobaut. 71.

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——— *crassicornis*. Faust. 111.

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——— *querceti : hugnioni* n. subsp. Bourgeois. 45.

Rhembastus [Chrysomelidae].
——— *sjöstedti*. Jacoby. 183.

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——— ? *modestus*. Heller. 161.

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——— *elephas*. Chobaut. 68.

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——— *imitans*. Felt and Joutel. 117.

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——— *netuschili*. Reitter. 315.
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Saprosites [Scarabaeidae].
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Schizonycha [Scarabaeidae].
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Sclerosomus [Curculionidae].
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——— *pallidicincta*. Jacoby. 182.

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——— *subperegrina*. Reitter. 324.

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——— *conradti*. Kolbe. 203.

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Stenocara [Tenebrionidae].
——— *jurgatrix*. Péringuey. 256.

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——— *lacteostrigata*. Fairmaire. 108.

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——— *delagoana*. Péringuey. 257.
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——— *parilis*. Luze. 228.

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——— *plausibile*. Péringuey. 256.
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——— *granulatum*. Blandford. 32.

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——— *plausibilis*. Péringuey. 256.

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SUNIUS [Staphylinidae].
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——— *coullusor*. Péringuey. 257.

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——— *picipes*. Fairmaire. 108.

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——— *dentipennis*. Hartmann. 155.

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——— *omrramba*. Péringuey. 257.

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——— *sulcipennis*. Jacoby. 182.

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——— *brasiliensis*. Bernhauer. 26.
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p. 132, *col.* 1, *l.* 20, *for* Greig *read* Grieg.

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p. 356, *under* Diaptomus *and* **Hemidiaptomus** *for* Sars 122 *read* Sars 123.

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p. 370, *col.* 2, *l.* 3 *from bottom for* I read 2.

p. 380, *col.* 1, *l.* 7, *for* I *read* 2.

p. 416, *col.* 1, *l.* 6, *for* ? *read* 2.

p. 562, *col.* 2, *l.* 18, *for* (II) *read* (11).

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